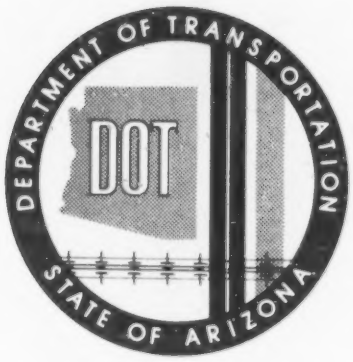
12/4/85 50530-1-UA



Arizona Traffic Accident Summary

1984

Arizona Department of Transportation

GOVERNOR
Bruce Babbitt

State Transportation Director
Charles L. Miller

Assistant Director of ADOT, Highways Division
W. O. Ford

State Transportation Board
Chairman
Sondra Eisberg

Vice Chairman
Arthur C. Atonna

Members
Hal Butler
Lynn Sheppard
Tereso (Ted) Valdez
Don Cooper
Andrew Federhar

Table of Contents

Page

HIGHLIGHTS AND HISTORICAL TRENDS 3

Total accidents, fatalities, injuries, age, sex of victims, economic loss, holiday deaths.

GEOGRAPHIC LOCATION 9

Accidents by state highways, counties, cities.

ACCIDENT DESCRIPTION 16

First harmful event, time, day, month, weather, road conditions.

MOTOR VEHICLE AND DRIVER CHARACTERISTICS 23

Vehicle type, registration, age, sex of drivers, accident cause.

ALCOHOL-RELATED ACCIDENTS 28

Age, sex of drivers, history, type of accident, location.

PEDESTRIAN AND PEDALCYCLIST ACCIDENTS 32

Age, sex of victims, actions, history.

MOTORCYCLE ACCIDENTS 37

Age, sex of victims, time of day, month, location, history.

SCHOOL BUS ACCIDENTS 41

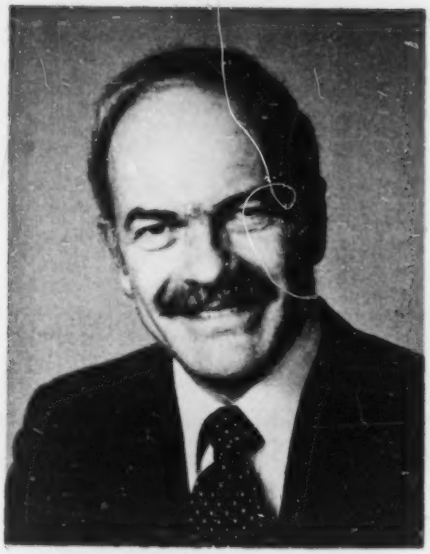
Injuries, fatalities, history.

The 1984 ARIZONA TRAFFIC ACCIDENT SUMMARY is based on all traffic accident reports submitted to the Arizona Department of Transportation.

The SUMMARY is prepared annually by the Traffic Engineering Section of ADOT, with cooperation and assistance from Public Information Office, Forms Management, and Governor's Office of Highway Safety.

Specific questions regarding data presented in the reports should be addressed to Accident Records and Analysis at 255-7724.

A Message from
Charles L. Miller, Director
Arizona Department of Transportation



In 1984, the State of Arizona had the somewhat dubious distinction of having the largest increase in traffic fatalities nationwide, reaching almost 29 percent over 1983. In 1984, 869 people died on our streets and highways compared to 675 in 1983.

The number of deaths per 100 million vehicle miles traveled increased 23 percent in 1984 after dropping 13.7 percent in 1983.

While the actual numbers are still below the peak years of the late '70s and early '80s, we have to be concerned about what can be done to make the future safer for our residents and visiting friends. The 869 fatalities in 1984 were the highest total since 1981 when 917 persons were killed.

Alcohol-related deaths also are disappointing as they accounted for 33 percent of the total fatalities last year — only a one percent drop from 1983. The figures listed in the summary section on alcohol are from initial investigative reports. It should be noted that subsequent tests and data reveal that another 10 to 20 percent more fatalities may be alcohol related.

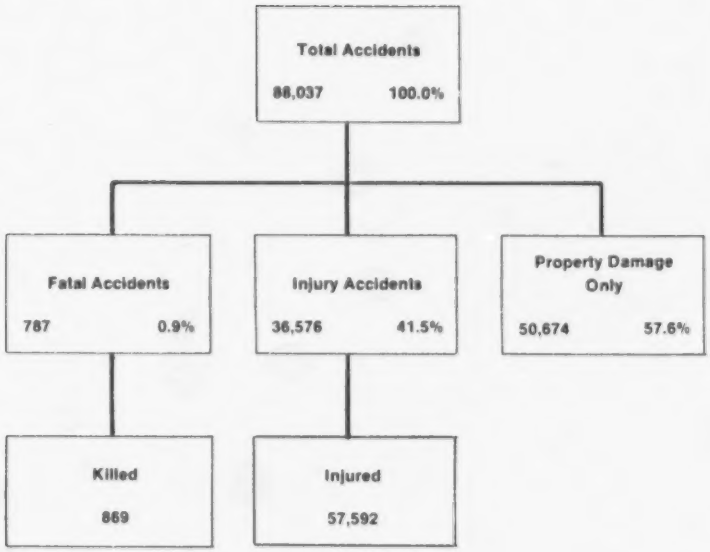
We should not overlook the fact that 20 percent of the total people killed in automobile accidents were pedestrians. Last year, 178 pedestrians were killed representing a 47 percent increase over 1983. The sad thing is 41 percent were not crossing at an intersection or a crosswalk. It is noteworthy that 71 percent of all pedestrians killed were 25 years and older. Some 10 percent of these deaths were attributable to pedestrians whose ability was impaired due to alcohol.

A fine road system already has been built and we intend to press forward to expand it even further because limited access highways can provide safer transportation as well as accommodate more traffic. However, even the best highways have little effect on the devastation caused by speeders, reckless drivers and drivers operating under the influence of alcohol.

Yet, roads are only a part of the picture, since we still must deal with the environment — vehicle and driver. Obviously, the achievement of some degree of success in our safety goals means total involvement by all segments of society, for it is primarily a "people problem." If government and people step up to the challenge and demonstrate their determination to make safety efforts effective, we will achieve the hoped for results. The Department of Transportation will continue to dedicate its efforts to traffic safety.

Charles L. Miller, Director
Arizona Department of Transportation

Highlights and Historical Trends



ARIZONA ACCIDENT FACTS ---1984

	1983	1984	Percent Change
Reported Accidents	76,616	88037	+14.9
Total Killed	675	869	+28.7
Total Injured	50,076	57,592	+15.0
Pedestrians Killed	121	178	+47.1
Pedestrians Injured	1,321	1,482	+12.2
Motorcyclists Killed	103	117	+13.6
Motorcyclists Injured	3,882	4,418	+13.8
Bicyclists Killed	13	24	+84.6
Bicyclists Injured	1,473	1,540	+4.6
Millions of Vehicle Miles Traveled	25,561	26,700	+4.5
Deaths Per 100 Million Vehicle Miles Traveled	2.64	3.25	+23.1
Injuries Per 100 Million Vehicle Miles Traveled	195.9	215.7	+10.1

In 1984 —

2.4 persons were killed every day (one every 10.0 hours)
157.8 persons were injured every day (one every 9.1 minutes)

One licensed driver out of every 15.3 was involved in an accident
One vehicle out of every 13.1 was involved in an accident

61% of drivers in all accident were male
73% of drivers in fatal accidents were male

12% of all accidents involved alcohol
31.6% of fatal accidents involved alcohol

67% of all accidents happened during daylight hours
51% of fatal accidents happened during darkness

36% of fatal accidents happened on non-holiday weekends from 6 p.m. Friday to midnight Sunday
Most dangerous day: Friday with 19% of all accidents

79% of all accidents happened in urban areas of the state
45% of fatal accidents happened in urban areas of the state

Arizona Economic Loss by County for 1984*

COUNTIES	Killed		Persons Injured (Class 3 & 4**)		Property Damage Accidents & Injury Class 2		$ Total Economic Loss
	No.	$ Loss	No.	$ Loss	No.	$ Loss	
Apache	25	5,500,000	301	2,784,250	742	901,530	9,185,780
Cochise	20	4,400,000	497	4,597,250	1,294	1,572,210	10,569,460
Coconino	58	12,760,000	1,036	9,583,000	2,622	3,185,730	25,528,730
Gila	18	3,960,000	388	3,589,000	629	764,235	8,313,235
Graham	7	1,540,000	106	980,500	182	221,130	2,741,630
Greenlee	6	1,320,000	64	592,000	123	149,445	2,061,445
La Paz	16	3,520,000	248	2,294,000	261	317,115	6,131,115
Maricopa	394	86,680,000	22,667	209,669,750	45,308	55,049,220	351,398,970
Mohave	47	10,340,000	824	7,622,000	1,226	1,489,590	19,451,590
Navajo	32	7,040,000	368	3,404,000	837	1,016,955	11,460,955
Pima	133	29,260,000	6,489	60,023,250	14,690	17,848,350	107,131,600
Pinal	58	12,760,000	887	8,204,750	1,526	1,854,090	22,818,840
Santa Cruz	3	660,000	156	1,443,000	241	292,815	2,395,815
Yavapai	37	8,140,000	796	7,363,000	1,262	1,533,330	17,036,330
Yuma	15	3,300,000	792	7,326,000	1,704	2,070,360	12,696,360
TOTAL	**869**	**$191,180,000**	**35,619**	**$329,475,750**	**72,647**	**$88,266,105**	**$608,921,855**

Economic Loss From Traffic Accidents in Arizona (* Based on estimates developed by the National Safety Council.)

1. Fatality $ 220,000
2. Injury (Classes 3 & 4**) $ 9,250
3. Property Damage (Only) & Injury Class 2 $1,215

- *Annual economic loss to every man, woman and child in Arizona was $199.*

** Injury Class Definitions
4 - Incapacitating
3 - Non-Incapacitating
2 - Possible

Deaths and Injuries by Age and Sex

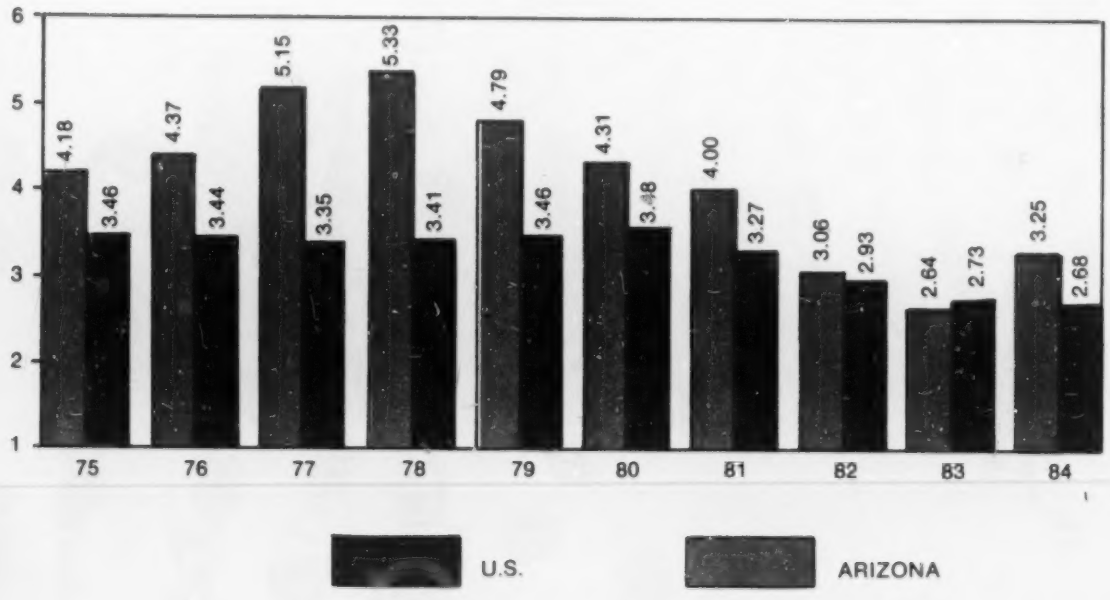
AGE	PERSONS KILLED			PERSONS INJURED			
	Total	Male	Female	Total	Male	Female	Sex Not Stated
0-4	20	11	9	1,394	734	658	2
5-9	16	10	6	1,708	863	844	1
10-14	15	11	4	2,040	1,027	1,013	0
15-19	125	98	27	9,171	5,080	4,088	3
20-24	164	134	30	11,158	6,534	4,614	10
25-34	177	137	40	13,079	7,427	5,647	5
35-44	95	72	23	7,026	3,562	3,458	6
45-54	60	37	23	4,098	1,933	2,163	2
55-64	67	44	23	3,482	1,585	1,896	1
65-74	54	35	19	2,507	1,085	1,420	2
75 & Over	61	36	25	1,354	604	750	0
Age Not Stated	15	11	4	575	353	186	36
Totals	**869**	**636**	**233**	**57,592**	**30,787**	**26,737**	**68**

Arizona Highway Accident Statistics By Year
1930 - 1984

Calendar Year	Motor Vehicle Registration	Motor Vehicle Mileage	Traffic Deaths	Traffic Injuries	Estimated Arizona Fatality Rate/Per 100,000,000 Vehicle Miles	Estimated U.S. Fatality Rate/Per 100,000,000 Vehicle Miles
1930	110,915	867,750,000	190	NA	21.90	15.60
1935	105,610	930,758,000	217	1,905	23.31	15.91
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1945	146,436	1,573,475,000	283	2,540	17.98	11.28
1950	271,803	2,944,000,000	325	4,135	10.73	7.59
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1965	857,934	8,339,000,000	550	21,279	6.59	5.54
1970	1,122,113	12,122,437,566	762	32,230	6.28	4.91
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1976	1,536,835	16,895,449,043	739	39,467	4.37	3.44
1977	1,615,727	18,121,403,496	933	44,484	5.15	3.35
1978	1,728,190	19,277,000,000	1,027	51,607	5.33	3.41
1979	1,810,204	21,500,000,000	1,029	51,743	4.79	3.46
1980	1,896,076	21,965,000,000	947	49,697	4.31	3.48
1981	1,973,831	22,920,000,000	917	48,322	4.00	3.27
1982	2,022,928	23,663,000,000	724	45,778	3.06	2.93
1983	2,055,026	25,561,000,000	675	50,076	2.64	2.73
1984	2,162,526	26,700,000,000	869	57,592	3.25	2.68

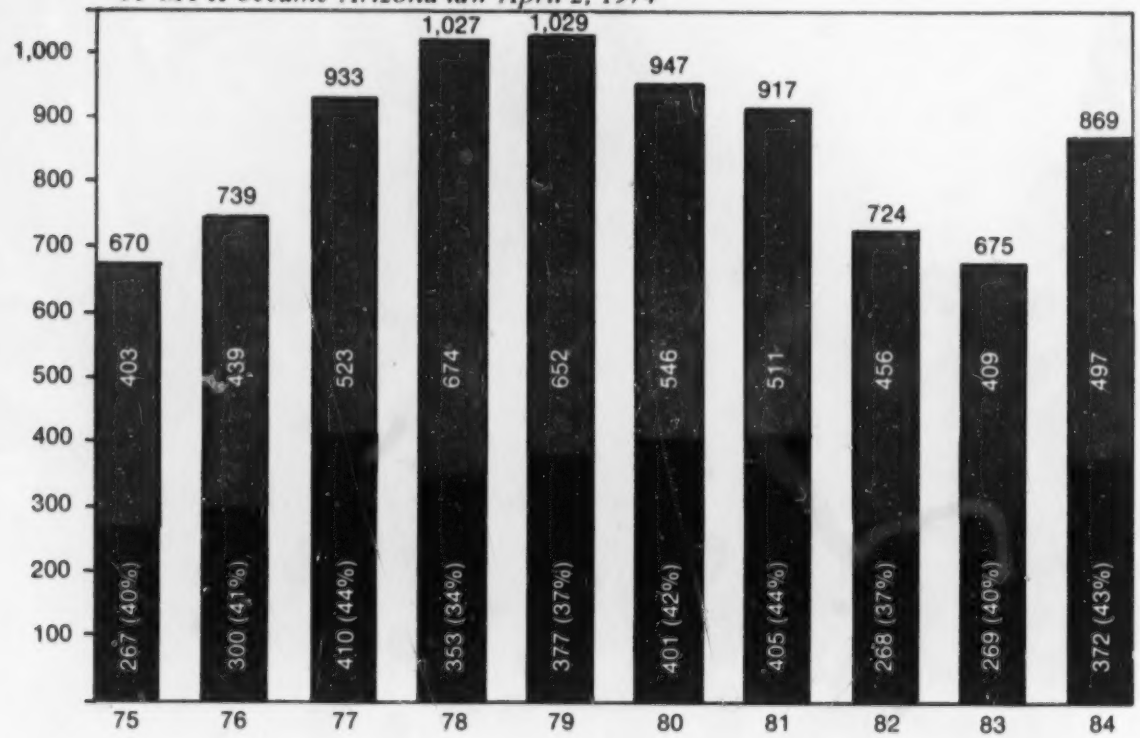
Arizona vs U.S. Fatality Rate

(Fatalities/100,000,000 Vehicle Miles)

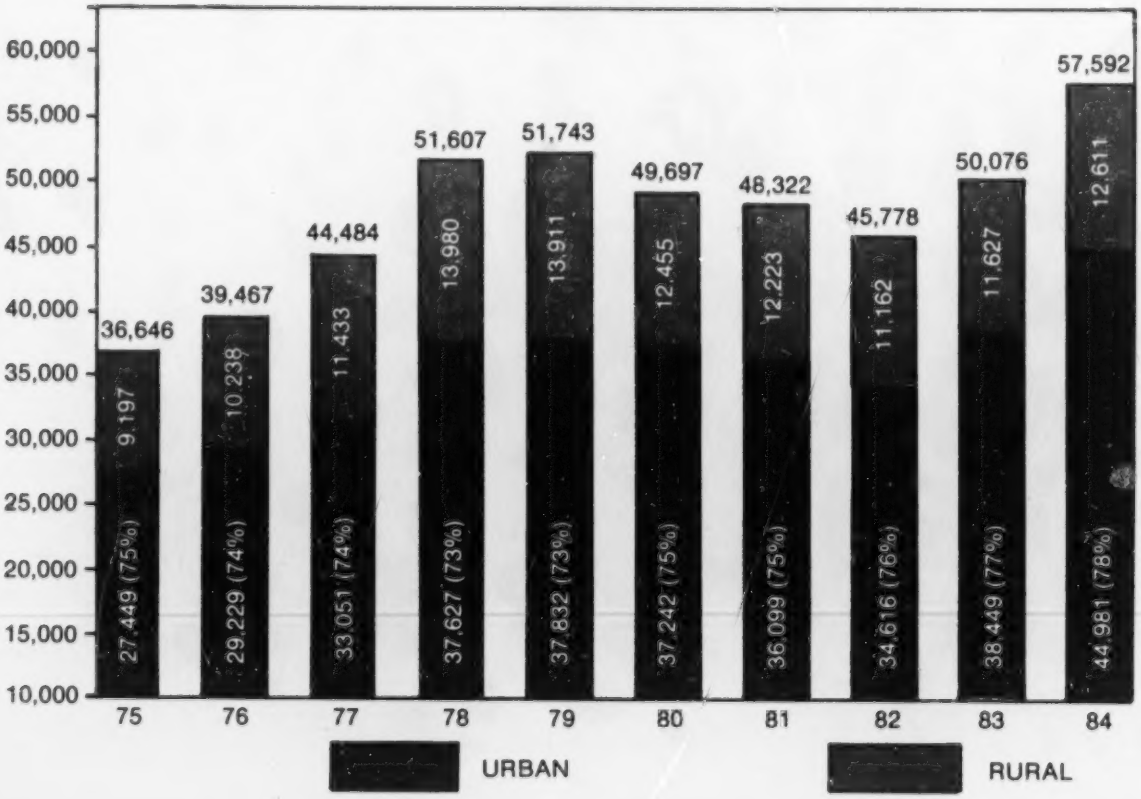


Persons Killed
1975 - 1984

• *55 MPH became Arizona law April 2, 1974*



Persons Injured
1975-1984



Holiday Traffic Fatalities

Of the six major holidays celebrated each year, three fall on specific days of the week -- Memorial Day, Labor Day, and Thanksgiving. They are regarded as three or four-day holidays, as the weekend is also included.

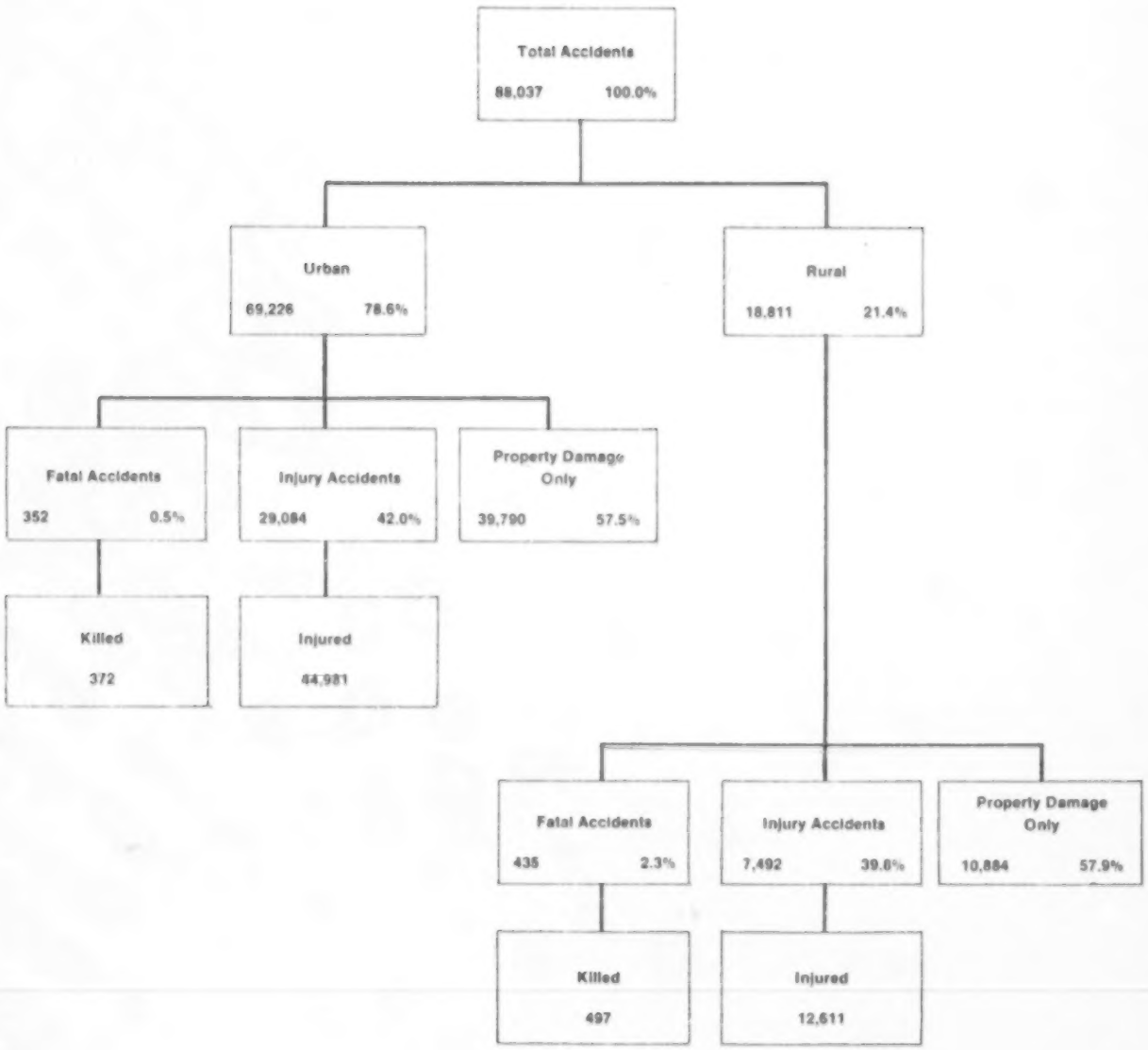
The other three holidays are celebrated on specific dates, and depending on what day of the week the date falls, the holiday period will vary from one to four days. If one of the "floating" holidays falls on Wednesday, it is a one-day holiday, otherwise the holiday period also includes the preceding or following weekend.

The counting of holiday fatalities starts at 6 p.m. on the last working day before the holiday and continues until midnight of the last day of the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday. the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

	New Year's		Memorial Day		4th of July		Labor Day		Thanksgiving		Christmas	
YEAR	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.
1980	(4) 17	14	(3) 9	8	(3) 11	7	(3) 12	11	(4) 13	10	(4) 20	17
1981	(4) 21	18	(3) 10	10	(3) 19	17	(3) 8	8	(4) 13	13	(3) 11	11
1982	(3) 8	8	(3) 11	9	(3) 14	11	(3) 9	7	(4) 8	7	(3) 10	8
1983	(3) 5	5	(3) 7	6	(3) 12	9	(3) 18	14	(4) 15	10	(3) 5	5
1984	(3) 6	5	(3) 14	11	(1) 2	2	(3) 14	12	(4) 16	15	(4) 9	9

*Note: Numbers in parenthesis indicate time-span in days as established by the National Safety Council.

Geographic Location



Accidents, Deaths, Injuries by Cities and Towns

(As Reported to Arizona Department of Transportation)

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
APACHE	Eagar	8	0	4	4	0	7	3	0	3
	St. Johns	38	0	13	25	0	23	3	0	2
	State Rural Roads	506	18	166	322	20	316	102	8	110
	Other Rural Roads	271	5	96	170	5	176	67	3	69
	Total	**823**	**23**	**279**	**521**	**25**	**522**	**175**	**11**	**184**
COCHISE	Benson	28	0	7	21	0	15	1	0	1
	Bisbee	131	2	28	101	2	36	19	1	9
	Bowie	1	0	0	1	0	0	0	0	0
	Douglas	253	1	47	205	1	61	32	0	20
	Huachuca City	8	0	3	5	0	3	2	0	2
	Sierra Vista	446	0	112	334	0	174	33	0	17
	Tombstone	26	0	5	21	0	8	3	0	3
	Willcox	49	1	15	33	1	21	6	1	2
	State Rural Roads	452	13	164	275	16	284	62	2	61
	Other Rural Roads	156	0	56	100	0	93	21	0	26
	Total	**1,550**	**17**	**437**	**1,096**	**20**	**695**	**179**	**4**	**141**
COCONINO	Flagstaff	1,482	2	348	1,132	2	514	149	1	102
	Fredonia	9	0	3	6	0	3	1	0	0
	Sedona	5	0	2	3	0	3	2	0	2
	Williams	50	0	11	39	0	13	3	0	1
	Page	58	2	20	36	2	29	13	1	9
	State Rural Roads	1,191	36	395	760	44	773	135	9	143
	Other Rural Roads	306	10	98	198	10	149	49	3	35
	Total	**3,101**	**50**	**877**	**2,174**	**58**	**1,484**	**352**	**14**	**292**
GILA	Globe	131	1	48	82	1	74	21	0	13
	Hayden	15	0	4	11	0	6	5	0	3
	Miami	6	0	4	2	0	8	0	0	0
	Payson	38	2	15	21	2	30	3	0	1
	Winkelman	2	0	1	1	0	2	1	0	0
	State Rural Roads	496	12	205	279	13	351	98	5	115
	Other Rural Roads	121	2	47	72	2	78	17	2	11
	Total	**809**	**17**	**324**	**468**	**18**	**549**	**145**	**7**	**143**
GRAHAM	Pima	4	0	2	2	0	2	2	0	1
	Safford	64	1	26	37	1	41	12	0	13
	Thatcher	33	0	11	22	0	19	5	0	6
	State Rural Roads	83	3	32	48	6	49	18	3	17
	Other Rural Roads	53	0	30	23	0	45	12	0	12
	Total	**237**	**4**	**101**	**132**	**7**	**156**	**49**	**3**	**49**

Accidents, Deaths, Injuries by Cities and Towns

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
GREENLEE	Clifton	35	0	9	26	0	11	5	0	5
	Duncan	6	0	4	2	0	6	3	0	5
	Morenci	6	1	0	5	1	0	2	0	0
	State Rural Roads	105	4	42	59	4	58	19	1	13
	Other Rural Roads	19	1	5	13	1	7	3	0	1
	Togal	**171**	**6**	**60**	**105**	**6**	**82**	**32**	**1**	**24**
LA PAZ	Parker	38	1	14	23	1	24	9	1	6
	Colorado River Reserv.	8	1	3	4	1	10	1	0	1
	State Rural Roads	304	6	140	158	10	242	62	5	66
	Other Rural Roads	44	4	18	22	4	26	12	2	3
	Total	**394**	**12**	**175**	**207**	**16**	**302**	**84**	**8**	**76**
MARICOPA	Avondale	106	0	42	64	0	66	19	0	17
	Buckeye	51	1	17	33	1	23	5	1	3
	Chandler	881	10	355	516	10	523	127	4	94
	El Mirage	67	0	25	42	0	37	15	0	9
	Gila Bend	13	1	3	9	1	5	1	0	0
	Gilbert	150	0	60	90	0	88	19	0	14
	Glendale	2,139	17	1,124	998	18	1,875	276	5	271
	Goodyear	21	0	10	11	0	14	3	0	2
	Mesa	4,135	25	2,071	2,039	26	3,352	460	6	481
	Guadalupe	3	1	0	2	1	0	0	0	0
	Paradise Valley	281	2	147	132	2	261	23	1	34
	Peoria	380	2	109	269	3	160	49	3	27
	Phoenix	32,764	167	14,336	18,261	180	22,362	3,906	66	3,426
	Scottsdale	3,052	16	1,274	1,762	17	1,883	292	3	247
	Surprise	4	0	2	2	0	4	1	0	1
	Tempe	5,894	20	2,397	3,477	20	3,463	604	6	552
	Tolleson	16	0	5	11	0	19	0	0	0
	Wickenburg	58	1	18	39	1	23	4	0	1
	Sun City	1	0	0	1	0	0	0	0	0
	State Rural Roads	1,473	41	575	857	53	1,027	228	17	253
	Other Rural Roads	3,188	57	1,496	1,635	61	2,536	467	29	538
	Total	**54,677**	**361**	**24,066**	**30,250**	**394**	**37,721**	**6,499**	**141**	**5,970**
MOHAVE	Kingman	175	1	98	76	1	155	25	0	26
	Lake Havasu City	200	2	85	113	3	111	0	0	0
	*Bullhead City	17	0	6	11	0	7	6	0	4
	Kaibab-Paiute Reserv.	0	0	0	0	0	0	1	0	2
	State Rural Roads	861	29	335	497	34	639	167	11	172
	Other Rural Roads	360	9	142	209	9	232	80	2	68
	Total	**1,613**	**41**	**666**	**906**	**47**	**1,144**	**279**	**13**	**272**

* Accidents in Bullhead City were investigated by the Mohave County Sheriff prior to their incorporation late in 1984 and are included in "County Roads".

Accidents, Deaths, Injuries by Cities and Towns

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
NAVAJO	Holbrook	33	1	13	19	1	20	4	0	4
	Show Low	76	0	25	51	0	30	14	0	6
	Snowflake	14	0	4	10	0	6	0	0	0
	Taylor	1	0	0	1	0	0	0	0	0
	Winslow	156	0	36	120	0	52	22	0	15
	Pinetop/Lakeside	5	0	1	4	0	1	1	0	0
	State Rural Roads	539	19	189	331	23	333	71	6	54
	Other Rural Roads	181	8	61	112	8	115	38	2	32
	Total	**1,005**	**28**	**329**	**648**	**32**	**557**	**150**	**8**	**111**
PIMA	South Tucson	309	1	88	219	1	115	31	0	7
	Tucson	13,003	64	5,083	7,856	66	7,805	1,298	13	1,116
	Ajo	10	0	3	7	0	3	2	0	1
	Oro Valley	12	0	7	5	0	14	3	0	5
	Marana	36	0	15	21	0	27	5	0	3
	State Rural Roads	891	21	361	509	25	575	158	10	142
	Other Rural Roads	3,337	40	1,320	1,977	41	2,046	412	15	407
	Total	**17,597**	**126**	**6,877**	**10,594**	**133**	**10,585**	**1,909**	**38**	**1,681**
PINAL	Casa Grande	335	4	144	187	4	228	58	0	51
	Coolidge	53	0	17	36	0	37	11	0	8
	Eloy	65	0	22	43	0	30	11	0	7
	Florence	45	0	10	35	0	14	4	0	0
	Kearny	15	0	5	10	0	9	3	0	1
	Mammoth	11	0	6	5	0	11	3	0	1
	Superior	4	0	0	4	0	0	1	0	0
	Apache Junction	317	4	104	209	4	166	18	0	20
	San Manuel	15	0	5	10	0	6	3	0	2
	State Rural Roads	724	28	275	421	32	483	130	11	109
	Other Rural Roads	393	14	168	211	18	258	98	5	83
	Total	**1,977**	**50**	**756**	**1,171**	**58**	**1,242**	**340**	**16**	**282**
SANTA CRUZ	Nogales	186	2	100	84	2	167	31	1	33
	Patagonia	3	0	1	2	0	1	1	0	0
	State Rural Roads	86	0	42	44	0	71	17	0	30
	Other Rural Roads	19	1	10	8	1	20	6	1	9
	Total	**294**	**3**	**153**	**138**	**3**	**259**	55	**2**	**72**
YAVAPAI	Cottonwood	96	1	25	70	1	35	16	1	7
	Bagdad	4	0	1	3	0	1	0	0	0
	Jerome	6	0	4	2	0	7	3	0	6
	Camp Verde	5	0	2	3	0	2	1	0	1
	Prescott	423	1	187	235	1	272	44	0	45
	Mayer	2	0	0	2	0	0	0	0	0
	Chino Valley	11	0	5	6	0	6	0	0	0
	Prescott Valley	9	0	3	6	0	6	0	0	0
	State Rural Roads	890	27	363	500	29	608	136	11	134
	Other Rural Roads	256	6	118	132	6	162	60	2	48
	Total	**1,702**	**35**	**708**	**959**	**37**	**1,099**	**260**	**14**	**241**
YUMA	Somerton	17	0	3	14	0	3	2	0	1
	Yuma	1,489	3	512	974	3	778	185	1	122
	Wellton	1	0	0	1	0	0	1	0	0
	San Luis	2	0	0	2	0	0	1	0	0
	State Rural Roads	291	3	121	167	3	202	45	1	35
	Other Rural Roads	283	8	132	143	9	212	60	3	56
	Total	**2,083**	**14**	**768**	**1,301**	**15**	**1,195**	**294**	**5**	**214**

ACCIDENTS, DEATHS AND INJURIES BY US AND STATE HIGHWAYS, 1984

LEGEND

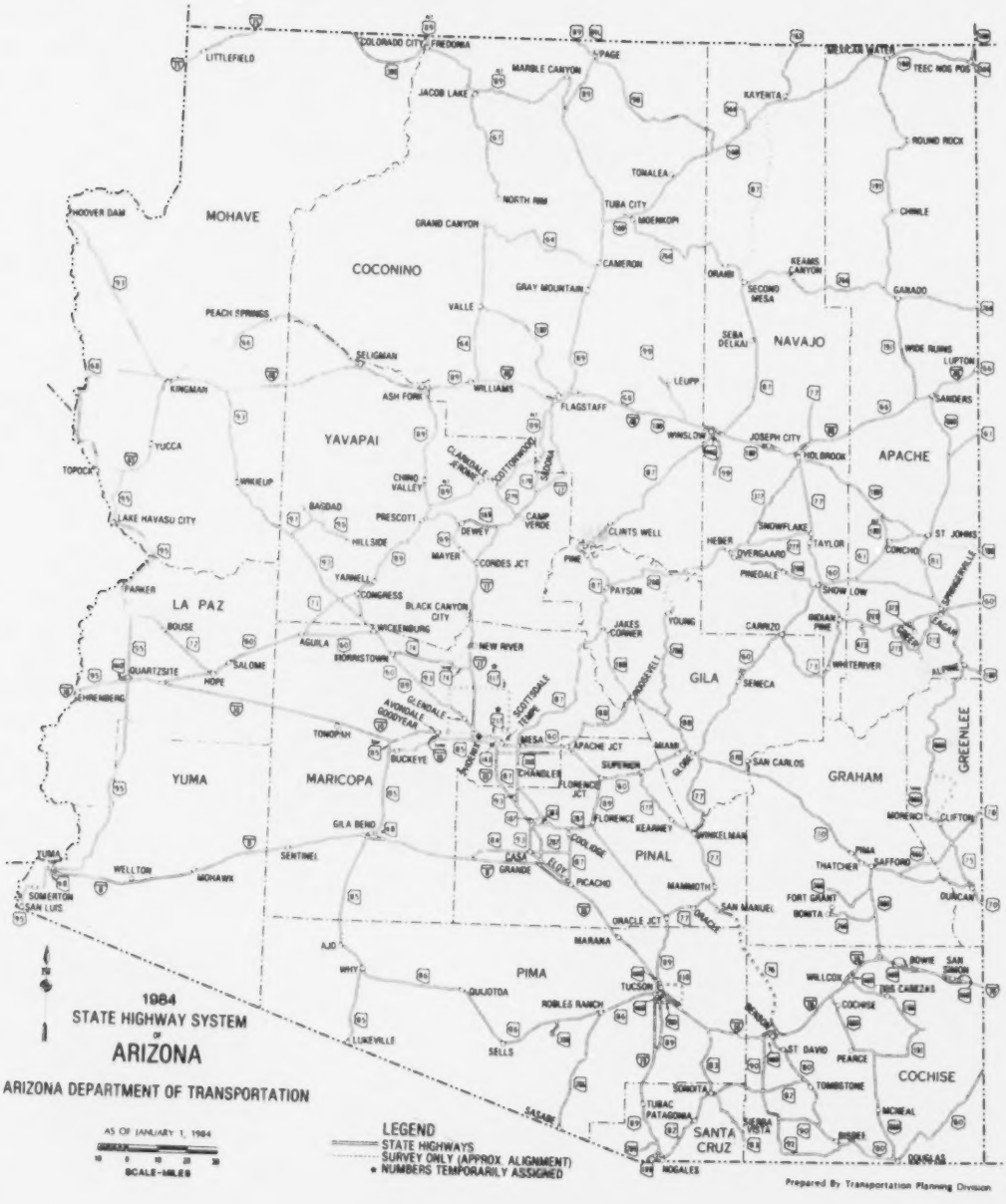
Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

Type	Prefix	Route	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
I		8	230	9	96	125	9	172	41	91	40
S	B	8	60	1	27	32	1	41	11	17	13
I		10	2,362	36	755	1,571	44	1,269	376	623	270
S	B	10	47	2	21	24	3	28	7	16	5
S	X	10	5	0	1	4	0	1	0	1	0
I		15	45	1	11	33	2	25	5	10	10
I		17	3,821	30	1,111	2,680	37	1,739	737	762	240
I		19	205	4	83	118	4	140	54	49	37
I		40	1,021	26	364	631	29	658	155	344	159
S	B	40	1	0	0	1	0	0	0	0	0
U		60	1,002	22	385	595	26	654	217	299	138
S		61	17	0	5	12	0	10	3	7	0
S		64	71	0	23	48	0	49	12	29	8
U		66	43	2	17	24	2	23	9	13	1
S		67	14	2	3	9	2	8	2	5	1
S		68	73	5	27	41	5	52	12	21	19
S		69	126	2	53	71	2	100	27	58	15
U		70	95	6	41	48	9	67	17	32	18
S		71	6	0	3	3	0	5	0	1	4
S		72	14	1	9	4	1	13	5	6	2
S		73	6	3	1	2	7	3	1	2	0
S		74	22	0	7	15	0	13	3	9	1
S	X	74	20	0	7	13	0	12	2	7	3
S		75	19	2	11	6	2	16	3	7	6
S		76	20	0	13	7	0	17	3	8	6
S		77	164	6	68	90	6	116	34	56	26
S		78	14	0	5	9	0	8	2	4	2
S		79	1	0	0	1	0	0	0	0	0
U		80	99	3	35	61	3	42	10	23	9
S		82	49	0	21	28	0	34	9	16	9
S		83	27	0	14	13	0	18	3	10	5
S		84	67	3	30	34	4	40	17	19	4
S		85	306	8	117	181	9	200	54	87	59
S	S	85	6	0	2	4	0	4	1	3	0
S		86	98	6	54	38	9	100	29	50	21
S		87	500	16	199	285	22	362	93	186	83
S		88	145	1	60	84	1	103	21	60	22
S	B	89	2	0	1	1	0	1	1	0	0
S	L	89	2	0	1	1	0	1	0	0	1
U		89	757	23	293	441	29	521	156	259	106
U	A	89	304	5	114	185	5	174	52	76	46
S		90	113	1	36	76	1	60	9	39	12
S		92	97	3	25	69	3	50	11	23	16
S		93	29	1	16	12	1	34	7	20	7
U		93	271	13	101	157	15	189	39	95	55

LEGEND

Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

Type	Prefix	Route	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
S		95	444	12	181	251	15	339	84	185	70
U		95	159	1	68	90	1	113	40	54	19
S		96	10	1	3	6	2	8	5	2	1
S		97	3	0	1	2	0	1	1	0	0
S		98	55	2	20	33	2	33	24	6	3
S		99	8	0	7	1	0	17	8	5	4
U		160	150	3	47	100	3	96	75	14	7
U		163	47	1	16	30	1	24	14	8	2
S		169	10	0	2	8	0	2	0	2	0
S		177	28	3	10	15	3	14	6	5	3
S		179	59	0	16	43	0	31	9	15	7
U		180	140	4	44	92	5	93	26	45	22
S		181	1	0	1	0	0	2	1	0	1
S		186	8	0	3	5	0	6	0	3	3
S		187	4	0	1	3	0	1	1	0	0
S		188	29	1	10	18	1	19	2	11	6
S		189	10	0	5	5	0	11	7	4	0
U		191	44	3	14	27	3	23	10	5	8
S		260	382	4	142	236	5	235	75	114	46
S		264	106	8	34	64	8	92	63	8	21
S		266	3	0	1	2	0	2	0	0	2
S		273	20	0	8	12	0	9	2	5	2
S	S	273	1	0	1	0	0	2	0	2	0
S		277	15	0	4	11	0	5	0	3	2
S	S	277	1	0	0	1	0	0	0	0	0
S		279	21	1	11	9	1	21	3	4	14
S		280	9	0	2	7	0	2	0	2	0
S		286	6	0	4	2	0	9	5	4	0
S		287	28	0	13	15	0	20	5	10	5
S		288	9	0	2	7	0	7	0	7	0
S		289	10	0	5	5	0	13	8	3	2
S		360	680	0	210	470	0	320	142	144	34
S		366	10	0	3	7	0	5	0	4	1
S		373	8	0	4	4	0	7	3	2	2
S		377	14	0	11	3	0	12	4	5	3
S		386	2	0	2	0	0	3	0	3	0
S		387	7	0	1	6	0	1	0	1	0
S		389	8	0	5	3	0	11	2	7	2
S		504	1	0	1	0	0	1	1	0	0
S		564	3	0	0	3	0	0	0	0	0
U		666	145	2	62	81	2	85	22	42	21
U	X	666	20	0	5	15	0	5	3	1	1
Totals			**15,114**	**289**	**5,246**	**9,579**	**345**	**8,872**	**2,901**	**4,178**	**1,793**

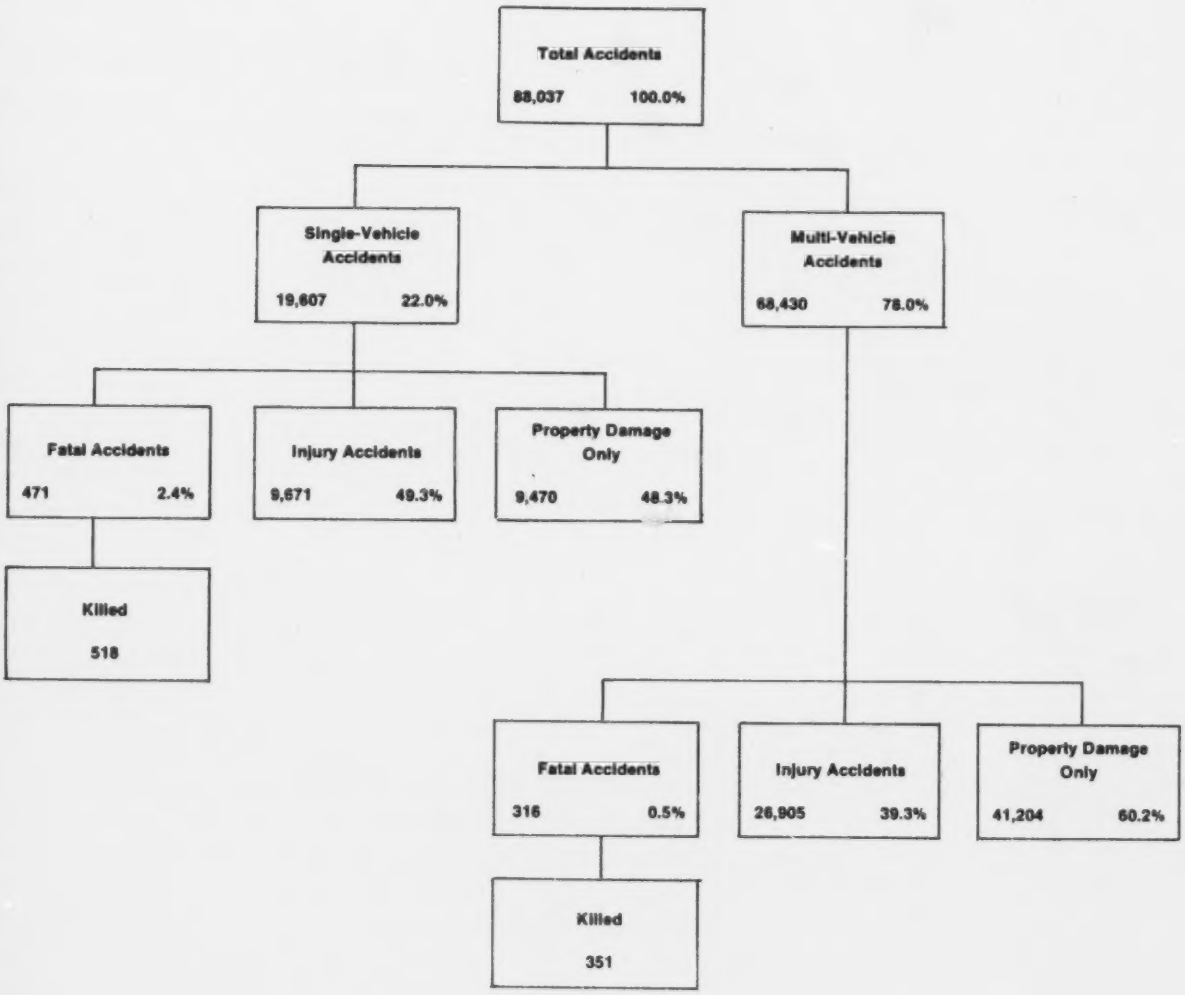


Accident Rates on the State Highway System
Averaged Over 1982 - 1984

(Accidents per Million Vehicle Miles of Travel)

Urban		Rural	
2 lane	0.87	2 lane	1.16
4 lane	1.87	4 lane	1.82
4 lane Divided	1.81	4 lane Divided	1.44
Freeway	1.78	Freeway	.70
All Road Catagories		**1.18**	

Accident Description



Type of Accident

(By First Harmful Event)

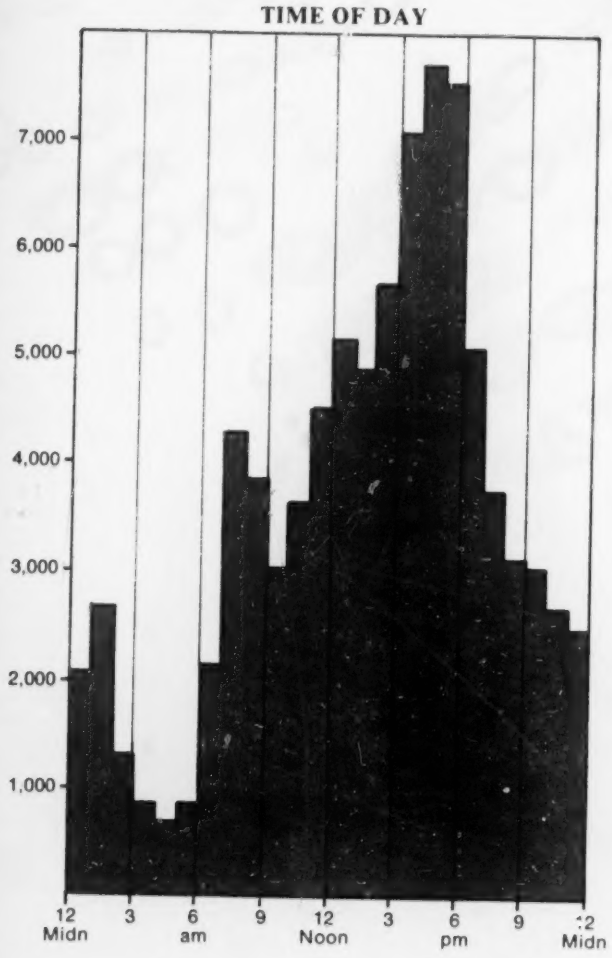
STATEWIDE	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	2,907	128	1,617	1,162	762	22	383	357	2,145	106	1,234	805
Other Non-Collision	3,488	34	1,524	1,930	2,653	25	1,149	1,479	835	9	375	451
Pedestrian	1,562	177	1,385	0	1,483	167	1,316	0	79	10	69	0
Motor Vehicle in Transport	62,933	274	25,713	36,946	62,510	272	25,554	36,684	423	2	159	262
Motor Vehicle on Other Rdway	8	2	3	3	8	2	3	3	0	0	0	0
Parked Motor Vehicle	4,054	9	733	3,312	3,592	4	608	2,980	462	5	125	332
Railway Train	25	2	6	17	25	2	6	17	0	0	0	0
Pedalcyclist	1,546	24	1,522	0	1,500	21	1,479	0	46	3	43	0
Animal	872	0	143	729	868	0	142	726	4	0	1	3
Fixed Object	9,687	134	3,781	5,772	2,404	30	808	1,566	7,283	104	2,973	4,206
Other Object	955	3	149	803	878	3	124	751	77	0	25	52
Totals	**88,037**	**787**	**36,576**	**50,674**	**76,683**	**548**	**31,572**	**44,563**	**11,354**	**239**	**5,004**	**6,111**

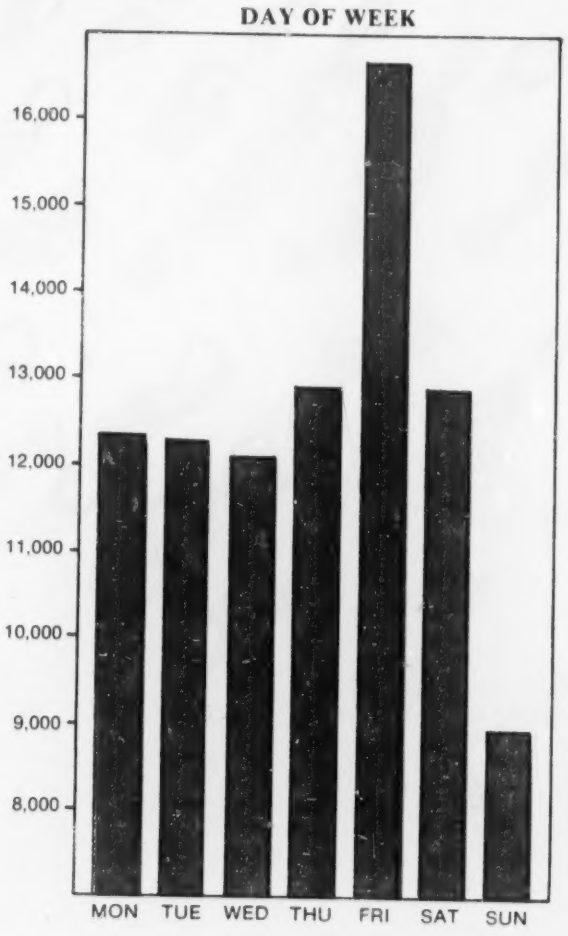
URBAN	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	482	13	273	196	218	4	119	95	264	9	154	101
Other Non-Collision	1,551	7	821	723	1,404	6	741	657	147	1	80	66
Pedestrian	1,312	111	1,201	0	1,253	105	1,148	0	59	6	53	0
Motor Vehicle in Transport	54,530	151	22,449	31,930	54,160	150	22,303	31,707	370	1	146	223
Motor Vehicle on Other Roadway	6	2	2	2	6	2	2	2	0	0	0	0
Parked Motor Vehicle	3,501	3	642	2,856	3,187	3	555	2,629	314	0	87	227
Railway Train	16	1	3	12	16	1	3	12	0	0	0	0
Pedalcyclist	1,417	20	1,397	0	1,374	18	1,356	0	43	2	41	0
Animal	90	0	31	59	87	0	30	57	3	0	1	2
Fixed Object	5,784	43	2,172	3,569	1,737	18	589	1,130	4,047	25	1,583	2,439
Other Object	537	1	93	443	488	1	80	407	49	0	13	36
Totals	**69,226**	**352**	**29,084**	**39,790**	**63,930**	**308**	**26,926**	**36,696**	**5,296**	**44**	**2,158**	**3,094**

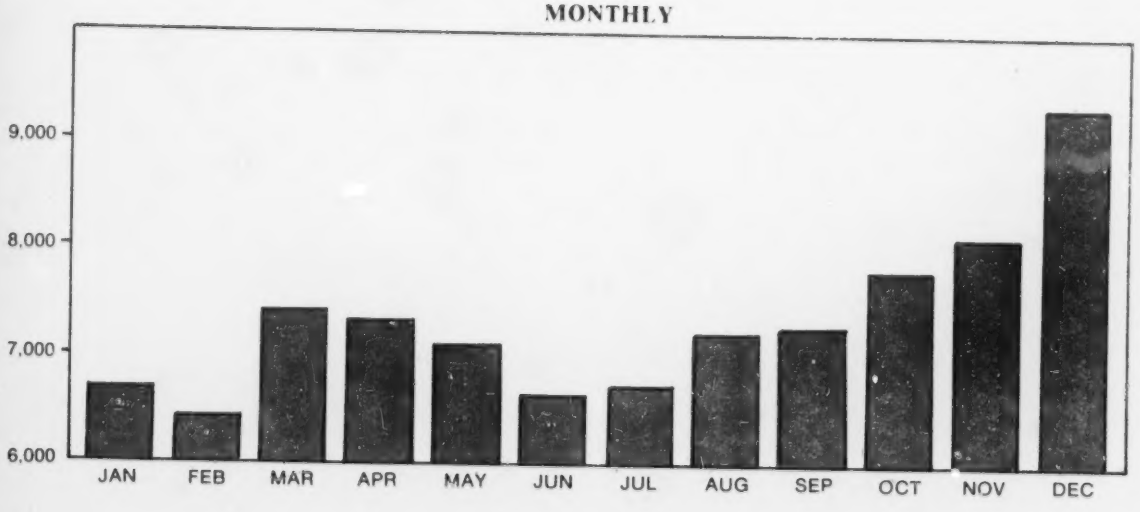
RURAL	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	2,425	115	1,344	966	544	18	264	262	1,881	97	1,080	704
Other Non-Collision	1,937	27	703	1,207	1,249	19	408	822	688	8	295	385
Pedestrian	250	66	184	0	230	62	168	0	20	4	16	0
Motor Vehicle in Transport	8,403	123	3,264	5,016	8,350	122	3,251	4,977	53	1	13	39
Motor Vehicle on Other Roadway	2	0	1	1	2	0	1	1	0	0	0	0
Parked Motor Vehicle	553	6	91	456	405	1	53	351	148	5	38	105
Railway Train	9	1	3	5	9	1	3	5	0	0	0	0
Pedalcyclist	129	4	125	0	126	3	123	0	3	1	2	0
Animal	782	0	112	670	781	0	112	669	1	0	0	1
Fixed Object	3,903	91	1,609	2,203	667	12	219	436	3,236	79	1,390	1,767
Other Object	418	2	56	360	390	2	44	344	28	0	12	16
Totals	**18,811**	**435**	**7,492**	**10,884**	**12,753**	**240**	**4,646**	**7,867**	**6,058**	**195**	**2,846**	**3,017**

1984 Total Accidents

Time of Day - Day of Week - Monthly

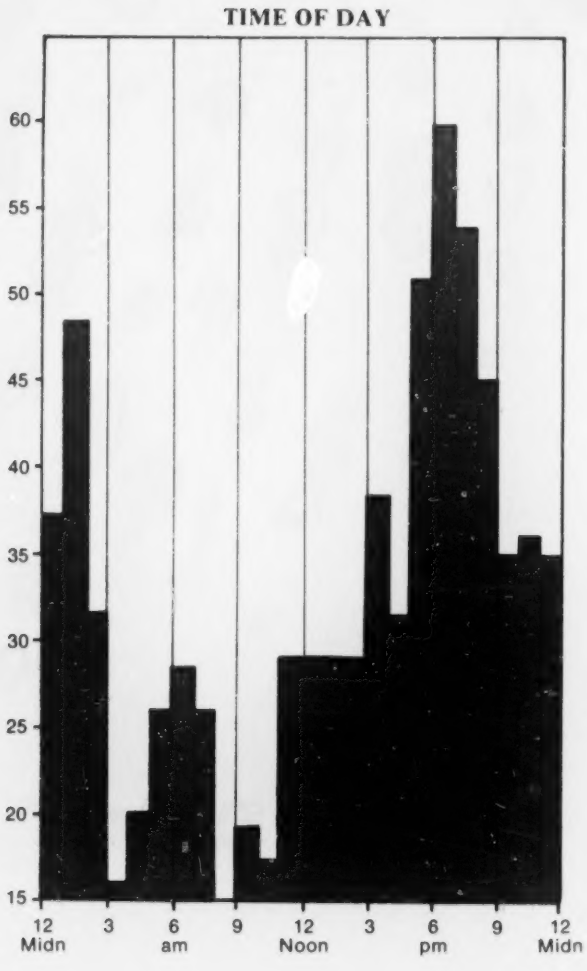


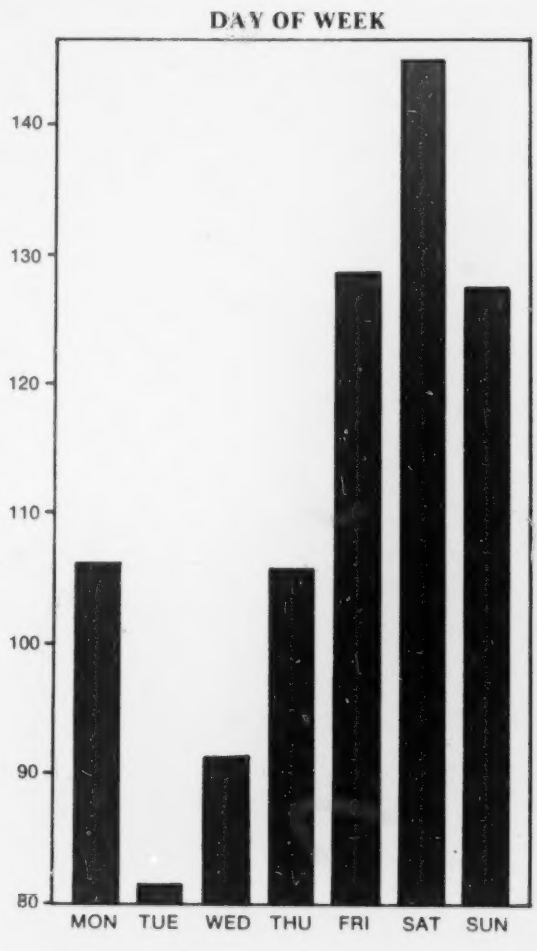


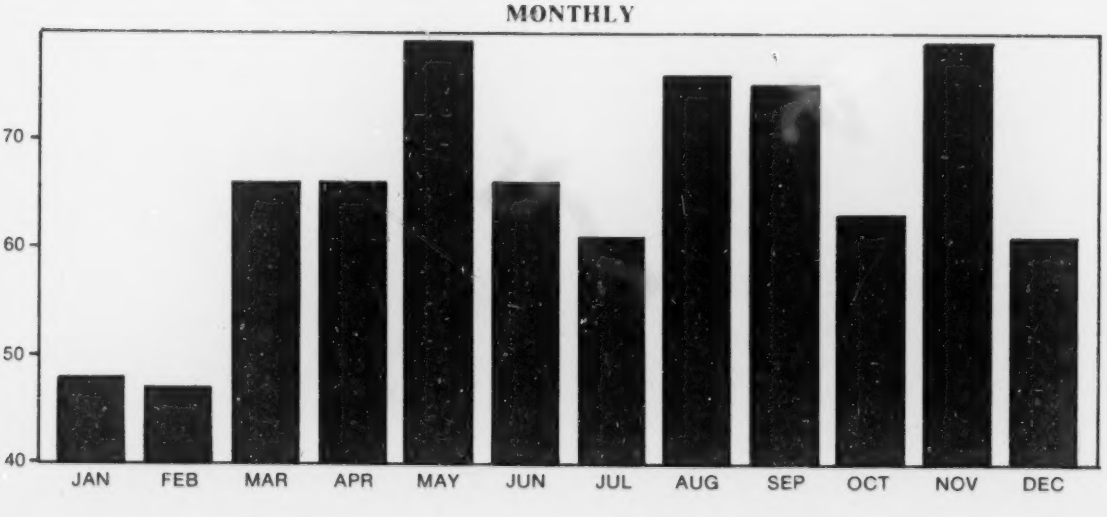


1984 Fatal Accidents

Time of Day - Day of Week - Monthly







Multi-Vehicle Accident

SEVERITY	Total	Head-on	Rear-end	Sideswipe Meeting	Sideswipe Passing	Left Turn	Other Angle	Backed Into	Other
All Accidents	68,430	863	24,491	421	1,569	9,756	14,596	2,032	14,702
Fatal Accidents	316	33	43	6	0	55	81	2	96
Injury Accidents	26,905	423	10,641	127	263	4,920	6,674	135	3,722

NUMBER OF VEHICLES INVOLVED

VEHICLES	Number	Percent
1	19,750	22.4
2	61,053	69.4
3	6,161	7.0
4	885	1.0
5+	188	.2
Totals	**88,037**	**100.00%**

Vehicle Mix in Two-Vehicle Accidents

Vehicle Type	Passenger Car	Pick Up/Van	Truck	Bus	Motorcycle	Other Vehicle
Passenger Car	58 28,077	66 18,743	26 1,194	1 286	32 2,013	13 2,737
Pick Up/Van		11 3,621	12 489	1 109	26 607	8 1,063
Truck			2 88	0 7	7 34	3 77
Bus				0 3	0 3	0 16
Motorcycle					0 29	3 85
Other Vehicle						0 109

LEGEND: **Fatal Accidents** / **Total Accidents**

HIT AND RUN ACCIDENTS

Number of Accidents					Total Killed	Total Injured
	Total	Fatal	Injury	Property Damage		
Yes	7,643	20	1,955	5,668	21	2,682
No	80,394	767	34,621	45,006	848	54,910
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

Climatic Conditions

LIGHT CONDITION	Number of Accidents					
	Total	Fatal	Injury	Property Damage		
Daylight	58,826	339	24,059	34,428	378	37,522
Dawn or Dusk	3,855	43	1,659	2,153	48	2,596
Darkness	24,741	398	10,674	13,669	435	17,185
Not Reported	615	7	184	424	8	289
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

- *67% of all accidents happened during the day, however 52% of the fatal accidents occured at night.*

WEATHER CONDITION	Number of Accidents					
	Total	Fatal	Injury	Property Damage		
Clear	69,736	604	29,297	39,835	667	45,904
Raining	5,539	30	2,205	3,304	32	3,594
Cloudy	10,418	112	4,337	5,969	124	6,916
Snowing	511	4	133	374	4	223
Strong Wind	633	12	240	381	14	396
Dust	78	0	37	41	0	74
Fog	144	0	65	79	0	92
Not Stated	978	25	262	691	28	393
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

- *79% of the accidents took place in clear weather.*
- *86% occured on dry pavement*

SURFACE CONDITION	Number of Accidents					
	Total	Fatal	Injury	Property Damage		
Dry	75,982	703	31,838	43,441	775	50,115
Wet	7,645	42	3,074	4,529	48	4,890
Snowy or Icy	1,020	9	271	740	11	468
Other	3,390	33	1,964	35	2,119	
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

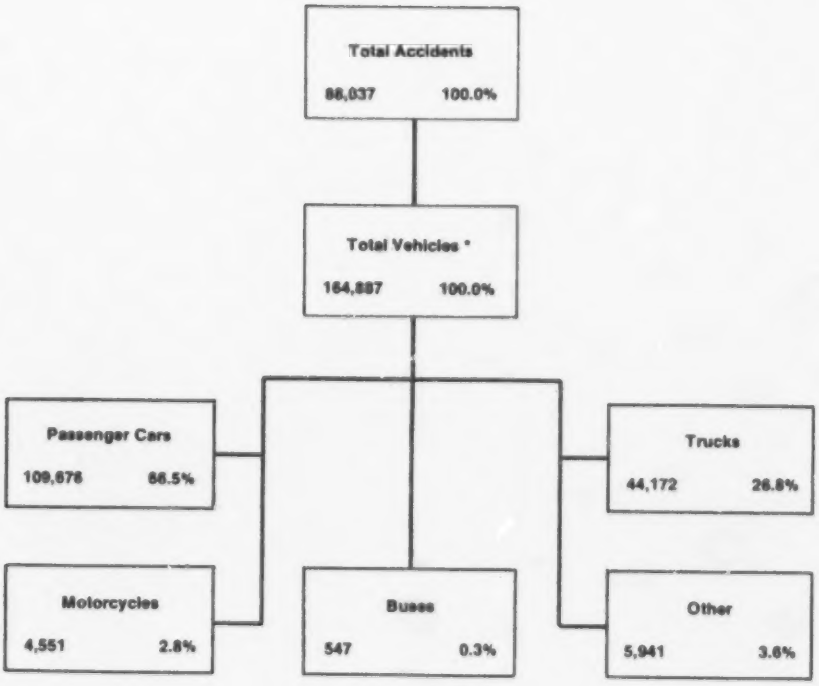
ROAD CHARACTERISTICS

SURFACE TYPE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Asphalt	80,967	721	34,363	45,883	798	54,190
Concrete	3,958	14	1,150	2,794	16	1,754
Gravel	470	5	179	286	5	258
Dirt	1,582	27	582	973	28	946
Other	69	1	18	50	1	20
Not Reported	991	19	284	688	21	424
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

GRADE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Level	77,772	579	32,574	44,619	632	51,069
Downgrade	5,056	122	2,039	2,895	137	3,422
Upgrade	3,139	39	1,232	1,868	43	1,950
Hillcrest	352	12	133	207	14	244
Dip	238	6	97	135	7	153
Not Reported	1,480	29	501	950	36	754
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

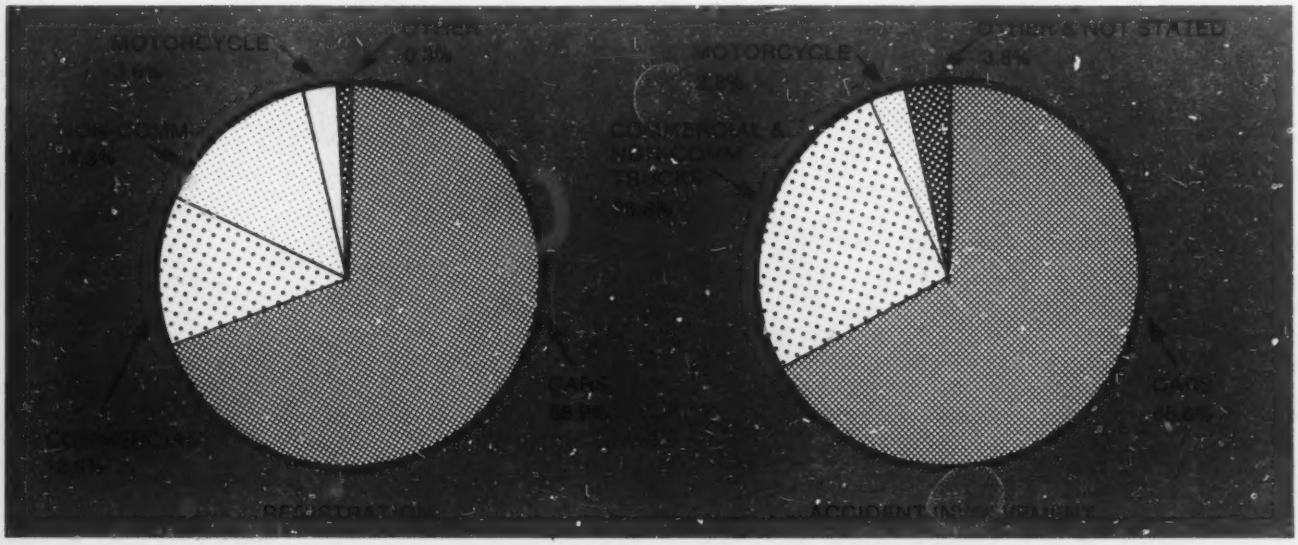
UNUSUAL ROAD CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
No Unusual Condition	83,376	744	34,755	47,877	824	54,776
Under Construction - Thru Traffic Allowed	2,280	17	854	1,409	19	1,317
Under Construction - Traffic Detoured	77	1	35	41	1	56
Under Repairs	188	0	80	108	0	118
Holes, Ruts, Bumps	825	13	352	460	13	557
Obstruction - Protected	46	0	15	31	0	27
Obstruction - Unprotected	82	0	29	53	0	40
Obstruction - Unlighted at Night	39	4	11	24	4	18
Defective Shoulders	64	0	27	37	0	36
Changing Road Width	455	4	175	276	4	267
Flooded	336	2	153	181	2	252
Temporary Road Closure	269	2	90	177	2	128
Totals	**88,037**	**787**	**36,576**	**50,674**	**869**	**57,592**

Motor Vehicle and Driver Characteristics



* Includes driverless or parked vehicles.

Motor Vehicle Registration and Accident Involvement



TYPE OF MOTOR VEHICLE	All Accidents		Fatal Accidents	Non-Fatal Injury Accidents	Property Damage
	Number	%			
Passenger Car	109,331	66.30	545	46,035	62,751
Passenger Car and Trailer	345	.21	1	84	260
Pick Up Truck (Incl. Panel & Mini Bus)	36,141	21.92	286	13,766	22,089
Pick Up Truck with Camper	2,558	1.55	23	1,023	1,512
Truck Tractor (Only)	180	.11	2	50	128
Truck Tractor and Semi-Trailer	2,888	1.75	73	839	1,976
Med/Heavy Truck or Combination	2,405	1.46	33	835	1,537
Farm Tractor and/or Farm Equipment	32	.02	3	19	10
Taxicab	152	.10	2	62	88
Bus	547	.33	5	171	371
Motorcycle	4,551	2.76	123	3,922	506
Motor Scooter, Motor Bicycle	17	.01	0	16	1
Moped	96	.06	0	92	4
Recreational Vehicle	2,581	1.57	32	1,098	1,451
Motor Home or House Car	306	.18	6	78	222
Emergency Vehicle (Inc. Privately Owned)	134	.08	1	46	87
Other Type Vehicle	244	.15	1	82	161
Vehicle Type Not Reported	2,379	1.44	31	476	1,872
Totals	**164,887**	**100.00%**	**1,167**	**68,694**	**95,026**

1984 Motor Vehicle Registration

Passenger Car	1,439,321
Commercial Vehicles	280,023
Non-Commercial (Pick Ups, Etc.)	309,408
Motorcycles	77,654
Other	6,120
Total	**2,162,526**

Licensed Drivers in Arizona

Age Group	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Cumulative Percent
*15-16	16,584	1.2	14,716	1.3	31,300	1.2	1.2
17-18	39,599	2.9	33,965	2.9	73,564	2.9	4.1
19-20	56,861	4.1	47,245	4.1	104,106	4.1	8.2
21-24	151,049	11.0	124,929	10.8	275,978	10.9	19.1
25-34	378,977	27.8	310,135	26.8	689,112	27.3	46.4
35-44	256,964	18.8	214,871	18.5	471,835	18.7	65.1
45-54	159,898	11.7	137,094	11.8	296,992	11.8	76.9
55-64	139,278	10.2	130,441	11.2	269,719	10.7	87.6
64-70	62,627	4.6	56,945	4.9	119,572	4.7	92.3
71 & Older	105,496	7.7	89,198	7.7	194,694	7.7	100.0
Total	**1,367,333**	**100.0**	**1,159,539**	**100.0**	****2,526,872**	**100.0**	**100.0**

*Age 15 is Instruction Permit only, (4,854 individuals).
**26,572 Instruction Permits are included in this category.

Driver Errors Causing Accidents

Contributing Circumstances	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Speed Too Fast for Conditions	30,806	18.7	281	24.1	14,076	20.5
Exceeded Lawful Speed Limit	1,600	10.0	72	6.2	816	1.2
Failed to Yield Right-of-Way	21,257	12.9	98	8.4	9,503	13.8
Ran Stop Sign	1,529	0.9	28	2.4	804	1.2
Disregarded Traffic Signal	4,180	2.5	34	2.9	2,296	3.4
Drove Left of Center	2,034	1.2	68	5.8	897	1.3
Followed to Closely	2,149	1.3	3	0.3	848	1.2
Made Improper Turn	3,906	2.4	17	1.5	1,170	1.7
Inattention	20,327	12.3	149	12.8	8,594	12.5
Other Improper Action	9,119	5.5	126	10.8	4,641	6.8
No Improper Action	71,578	43.4	398	34.1	30,823	44.9
Not Reported	3,650	2.2	23	1.2	1,031	1.5
Total Contributing Circumstances	**172,135**	**	**1,297**	**	**75,449**	**
Number of Units	**164,887**		**1,167**		**68,694**	

** Totals more than 100% because of multiple errors

Physical Condition of Driver

Driver Defects	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Had Been Drinking	11,107	6.7	264	22.6	5,854	8.5
Ill, Ability Influenced	254	0.2	1	0.1	144	0.2
Other Bodily Defects	508	0.3	2	0.2	238	0.4
Influence of Narcotic Drugs	323	0.2	8	0.7	167	0.2
Sleepy, Fatigued	2,081	1.3	71	6.1	1,164	1.7
No Apparent Defects	134,710	81.7	591	50.7	56,515	82.3
Not Reported	16,717	10.1	264	22.6	5,051	7.4
Total Defects	**165,700**	**	**1,201**	**	**69,133**	**
Number of Units	**164,887**		**1,167**		**68,694**	

** Totals more than 100% because of multiple errors

DRIVER CHARACTERISTICS

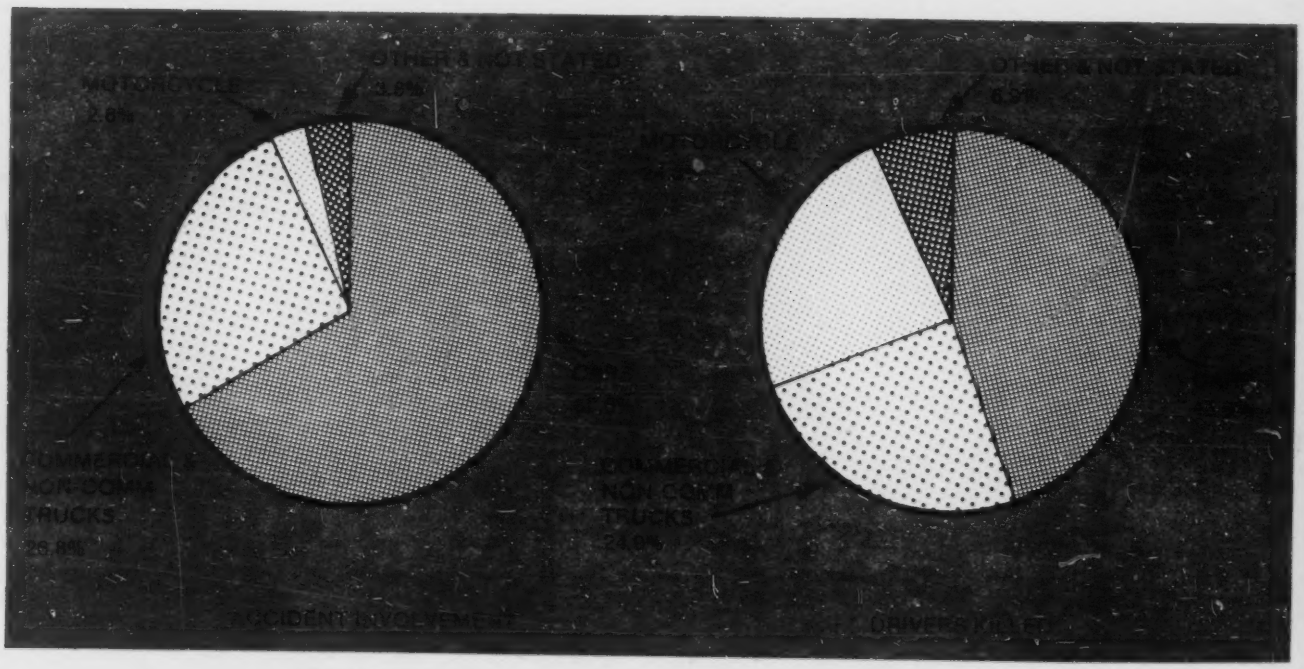
AGE GROUP	Involved in All Accidents		Involved in Fatal Accidents		Involved in Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
15 & Younger	617	.4	6	.5	307	.4
16	3,593	2.2	23	2.0	1,524	2.2
17	4,776	2.9	22	1.9	2,062	3.0
18	6,158	3.7	45	3.9	2,754	4.0
19	6,541	4.0	49	4.2	2,893	4.2
20	6,555	4.0	55	4.7	2,870	4.2
21	6,261	3.8	53	4.5	2,800	4.1
22	6,146	3.7	41	3.5	2,661	3.9
23	5,990	3.6	42	3.6	2,588	3.8
24	5,579	3.4	41	3.5	2,481	3.6
25-34	41,578	25.2	304	26.0	17,668	25.7
35-44	23,434	14.2	157	13.5	9,929	14.4
45-54	13,344	8.1	90	7.7	5,749	8.4
55-64	10,634	6.4	85	7.3	4,572	6.7
65-70	7,126	4.3	47	4.0	3,045	4.4
71 & Older	3,555	2.2	34	2.9	1,504	2.2
Not Reported	13,000	7.9	73	6.3	3,287	4.8
Totals	**164,887**	**100.0**	**1,167**	**100.0**	**68,694**	**100.0**

SEX OF DRIVER	Involved in All Accidents		Involved in Fatal Accidents		Involved in Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Male	101,203	61.4	857	73.4	42,497	61.9
Female	53,064	32.2	250	21.4	23,830	34.7
Not Reported	10,620	6.4	60	5.2	2,367	3.4
Totals	**164,887**	**100.0**	**1,167**	**100.0**	**68,694**	**100.0**

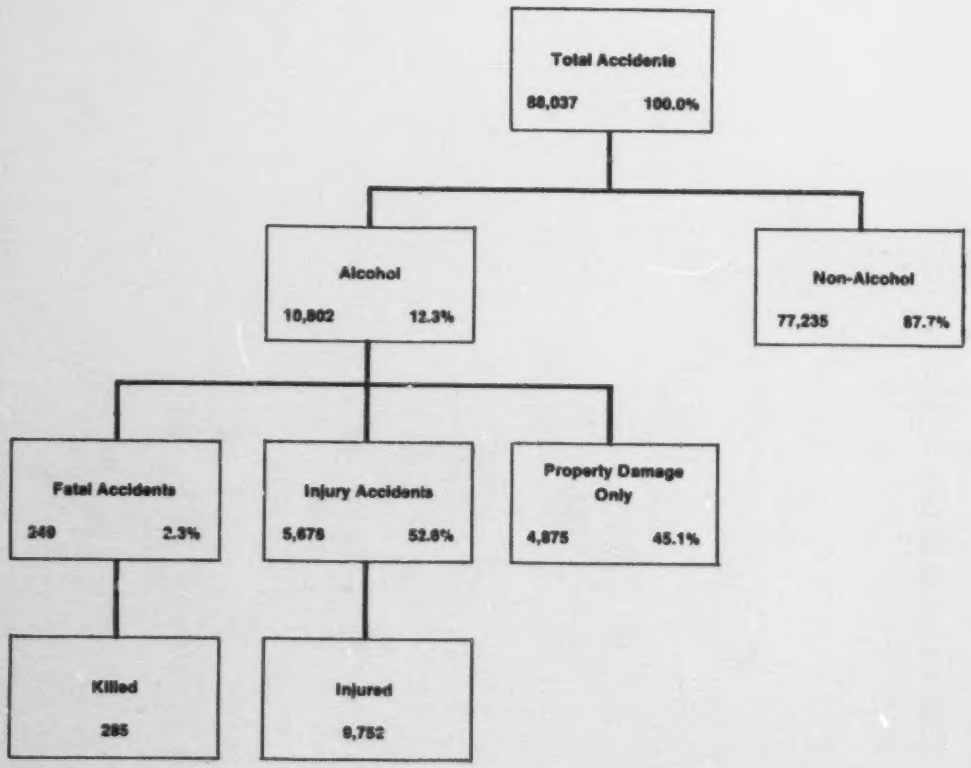
RESIDENCE OF DRIVERS	Involved in All Accidents		Involved in Fatal Accidents		Involved in Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Arizona Resident	130,856	79.4	844	72.3	56,372	82.1
Non-Resident	16,796	10.2	177	15.2	6,916	10.1
Not Reported	17,235	10.4	146	12.5	5,406	7.8
Totals	**164,887**	**100.0**	**1,167**	**100.0**	**68,694**	**100.0**

Drivers Killed and Injured

TYPE OF MOTOR VEHICLE	Number of Drivers	
	Total Killed	Total Injured
Passenger Car	191	23,833
Passenger Car and Trailer	1	45
Pick Up Truck (Incl. Panel & Mini Bus)	76	5,999
Pick Up Truck with Camper	5	466
Truck Tractor (Only)	1	20
Truck Tractor and Semi Trailer	20	302
Med/Heavy Truck or combination	7	236
Farm Tractor and/or Farm Equipment	2	4
Taxicab	0	27
Bus	1	26
Motorcycle	106	3,773
Motor Scooter, Motor Bicycle	0	16
Moped	0	89
Recreational Vehicle	17	520
Motor Home	1	23
Emergency Vehicle	1	18
Other Type of Vehicle	1	30
Vehicle Type Not Stated	7	40
Totals	**437**	**35,467**



Alcohol-Related Accidents



The statistics in the alcohol-related section represent only those accidents where the investigating officer indicated that a person's ability was impaired and may or may not be substantiated by blood or breath tests.

Alcohol Related Accidents and Fatalities 1980-1984

YEAR	Total Alcohol Related Accidents	Percent of All Accidents	Persons Killed	Percent of All Killed
1980	12,570	15.7	347	36.6
1981	12,029	16.6	328	35.8
1982	9,839	14.4	246	34.0
1983	9,361	12.2	230	34.1
1984	10,802	12.3	285	32.8

1984 Alcohol Related Accidents

TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	662	48	444	170
Other Non-Collision	439	5	299	135
Pedestrian	112	24	88	0
Motor Vehicle in Transport	5,713	94	3,015	2,604
Motor Vehicle on Other Roadway	1	0	1	0
Parked Motor Vehicle	845	1	316	528
Railway Train	5	1	0	4
Pedalcyclist	43	6	37	0
Animal	21	0	8	13
Fixed Object	2,914	68	1,452	1,394
Other Object	47	2	18	27
Totals	**10,802**	**249**	**5,678**	**4,875**

ROAD SURFACE CONDITION	Number of Accidents	Number of Fatal Accidents	Number of Non-Fatal Injury Accidents
Dry	9,263	220	4,885
Wet	933	11	480
Snowy or Icy	38	2	18
Other	568	16	295
Totals	**10,802**	**249**	**5,678**

Drinking Drivers Involved in Accidents

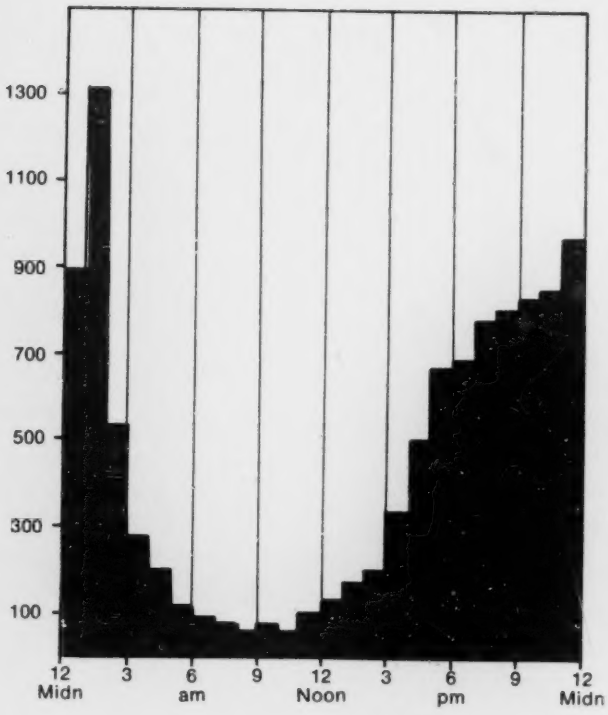
- *In the 10,802 accidents involving alcohol, 11,107 drivers had been drinking*

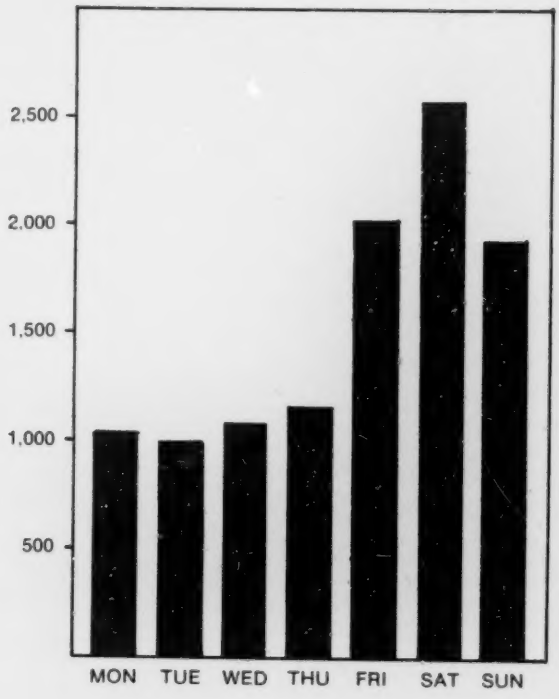
AGE OF DRIVER	Number of Drivers	Percent of Total	Number of Drivers in Fatal Accidents	Number of Drivers in Non-Fatal Injury Accidents
*15-16	136	1.2	0	72
17-18	659	5.9	19	358
19-20	1,179	10.6	35	624
21-24	2,321	20.9	53	1,249
25-34	3,596	32.4	96	1,960
35-44	1,818	16.4	34	903
45-54	744	6.7	14	370
55-64	434	3.9	9	213
65-74	175	1.6	4	88
75 & Older	45	0.4	0	17
Totals	**11,107**	**100.0**	**264**	**5,854**

- *82% of the drinking drivers were male.*

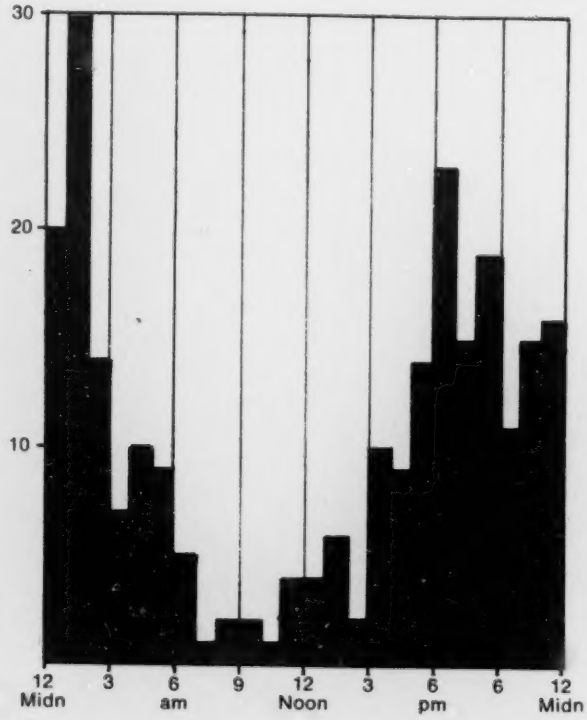
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Non-Fatal Injury Accidents
Male	9,184	224	4,845
Female	1,793	38	971
Not Reported	130	2	38
Totals	**11,107**	**264**	**5,854**

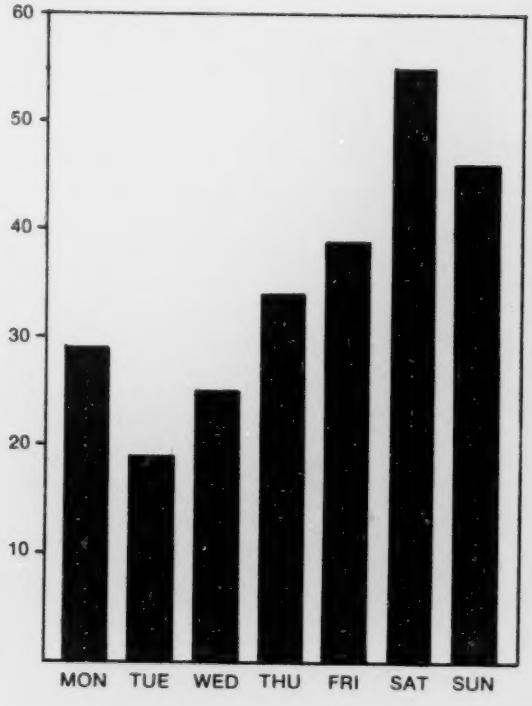
Total Accidents Involving Drinking Drivers



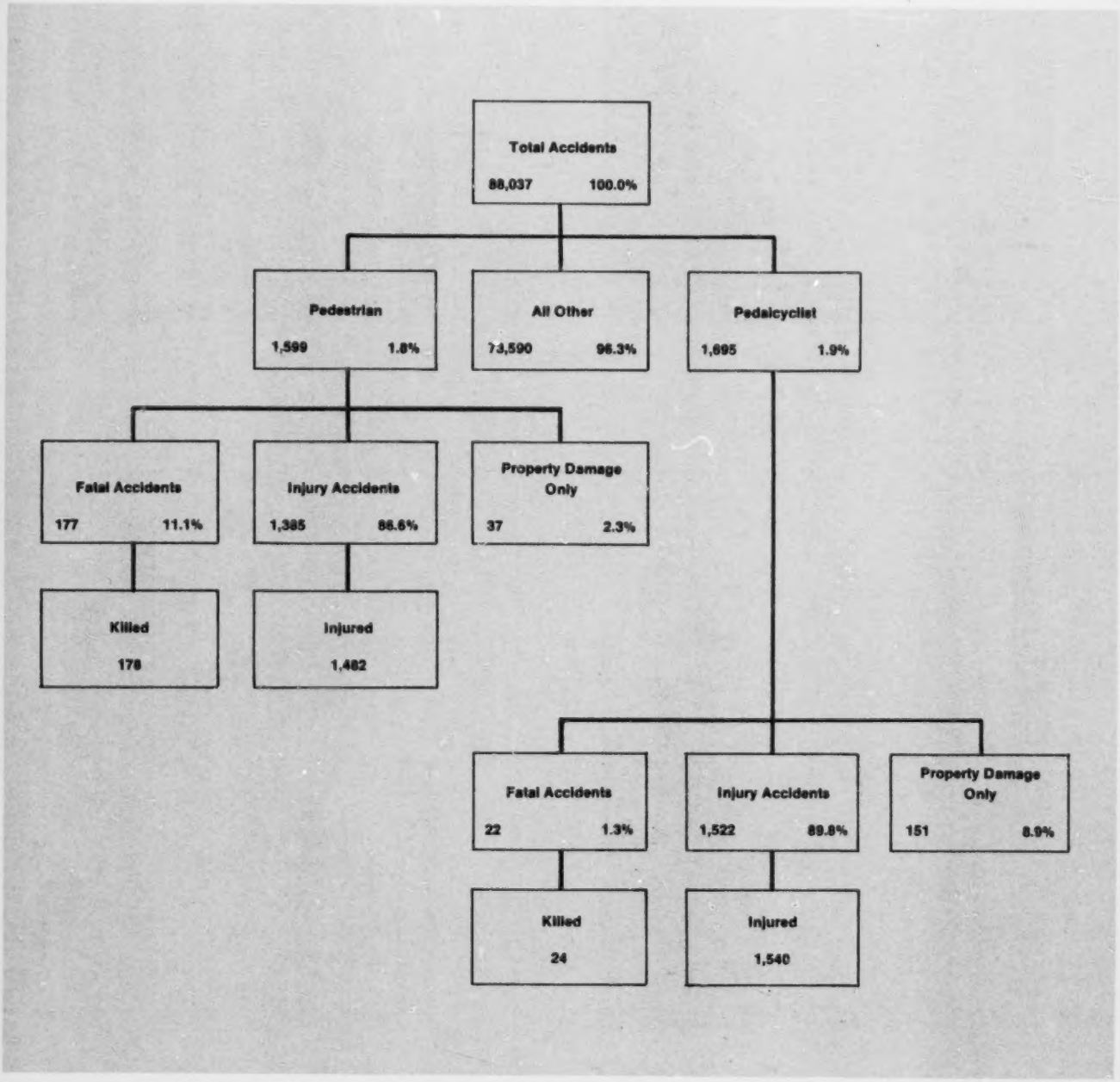


Fatal Accidents Involving Drinking Drivers

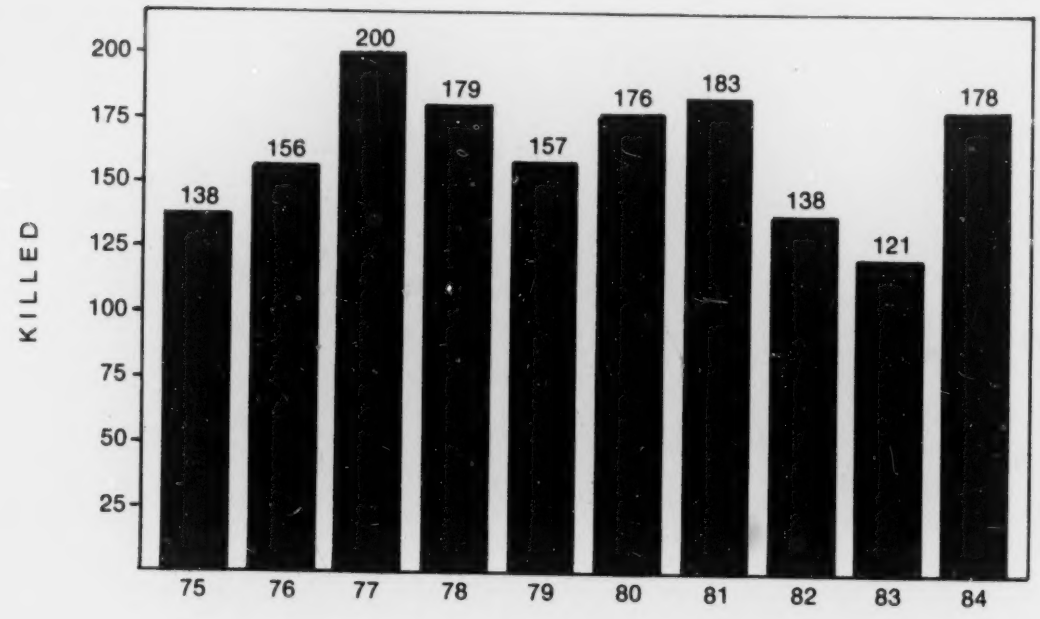


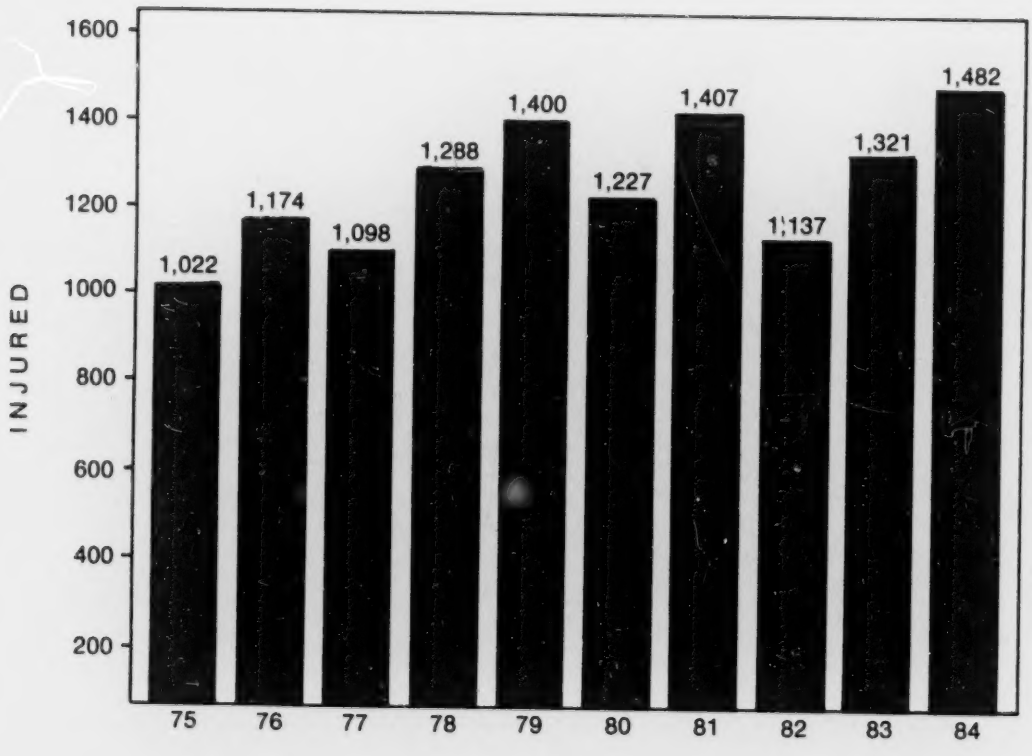


Pedestrian and Pedalcyclist Accidents



Pedestrians Killed and Injured
1975-1984





Pedestrian Accidents, 1984

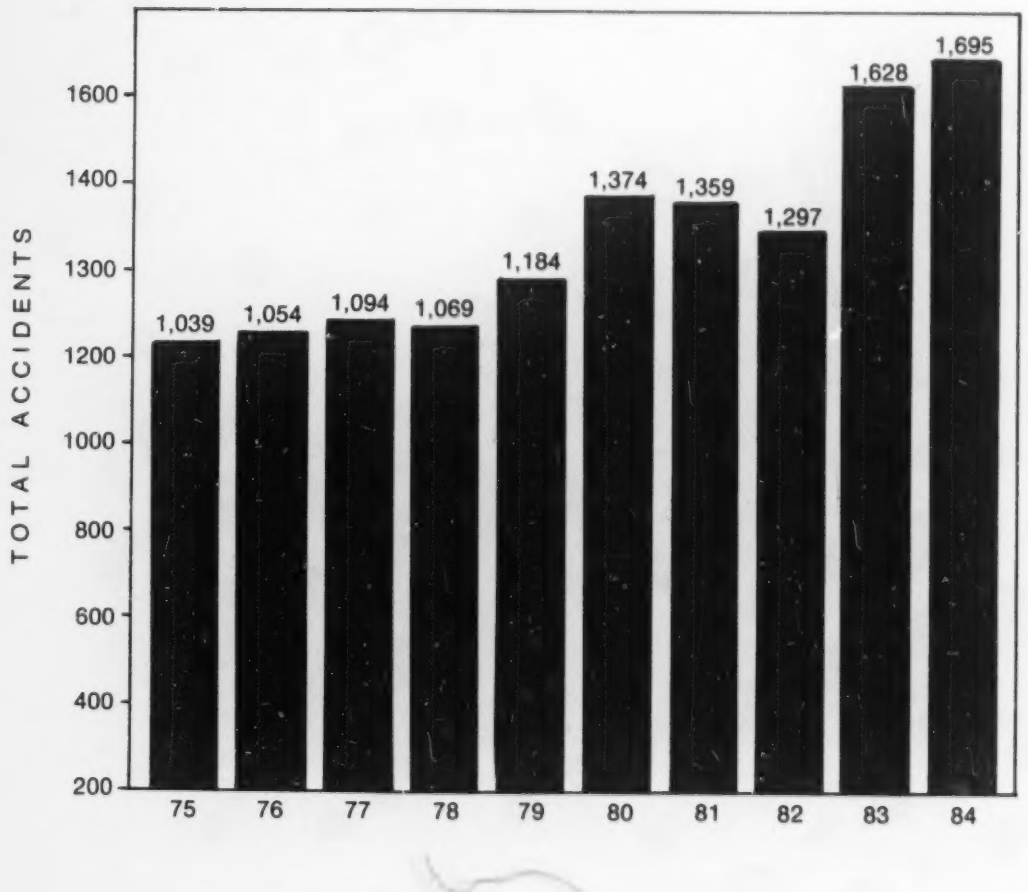
PEDESTRIANS KILLED	Totals	Age of Pedestrians Killed								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	21	1	0	2	0	0	2	5	11	0
Crossing Not at Intersection or Crosswalk	73	2	5	3	3	7	14	18	18	3
Walking in Roadway with Traffic	14	0	0	0	1	2	4	4	3	0
Walking in Roadway Against Traffic	3	0	0	0	0	0	1	2	0	0
Standing in Roadway	8	0	0	0	1	2	5	0	0	0
Pushing or Working on Vehicle in Roadway	3	0	0	0	0	1	1	0	1	0
Other Working in Roadway	0	0	0	0	0	0	0	0	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	11	0	0	0	1	2	5	1	1	1
Getting on or Off Vehicle in Roadway	1	0	0	0	0	0	0	0	1	0
Other Actions in Roadway	15	1	1	0	2	3	2	2	4	0
Not in Roadway	8	0	0	0	1	1	5	1	0	0
Actions Not Stated	21	3	1	0	3	3	6	1	3	1
Totals	**178**	**7**	**7**	**5**	**12**	**21**	**45**	**34**	**42**	**5**

PEDESTRIANS INJURED	Totals	Age of Pedestrians Injured								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	247	5	15	25	24	20	59	46	29	24
Crossing Not at Intersection or Crosswalk	647	58	106	72	62	47	118	67	56	61
Walking in Roadway with Traffic	62	1	1	5	11	11	17	8	4	4
Walking in Roadway Against Traffic	48	0	4	8	5	3	10	6	5	7
Standing in Roadway	98	2	4	6	15	6	36	11	2	16
Pushing or Working on Vehicle in Roadway	14	0	0	0	1	9	3	0	0	1
Other Working in Roadway	11	0	0	0	0	1	7	1	0	2
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	13	0	1	1	1	3	5	1	0	1
Getting on or Off Vehicle in Roadway	13	0	0	1	3	3	2	2	0	2
Other Actions in Roadway	187	11	16	14	20	27	41	14	10	34
Not in Roadway	80	1	3	7	7	9	16	15	9	13
Actions Not Stated	62	2	5	7	11	9	7	7	5	9
Totals	**1,482**	**80**	**155**	**146**	**160**	**148**	**321**	**178**	**120**	**174**

Pedalcycle Accidents 1975 - 1984

YEARS	Number of Persons	
	Total Killed	Total Injured
1975	16	926
1976	17	956
1977	19	1,016
1978	18	1,076
1979	14	1,197
1980	19	1,377
1981	15	1,370
1982	28	1,291
1983	13	1,487
1984	24	1,540

Pedalcycle Accidents



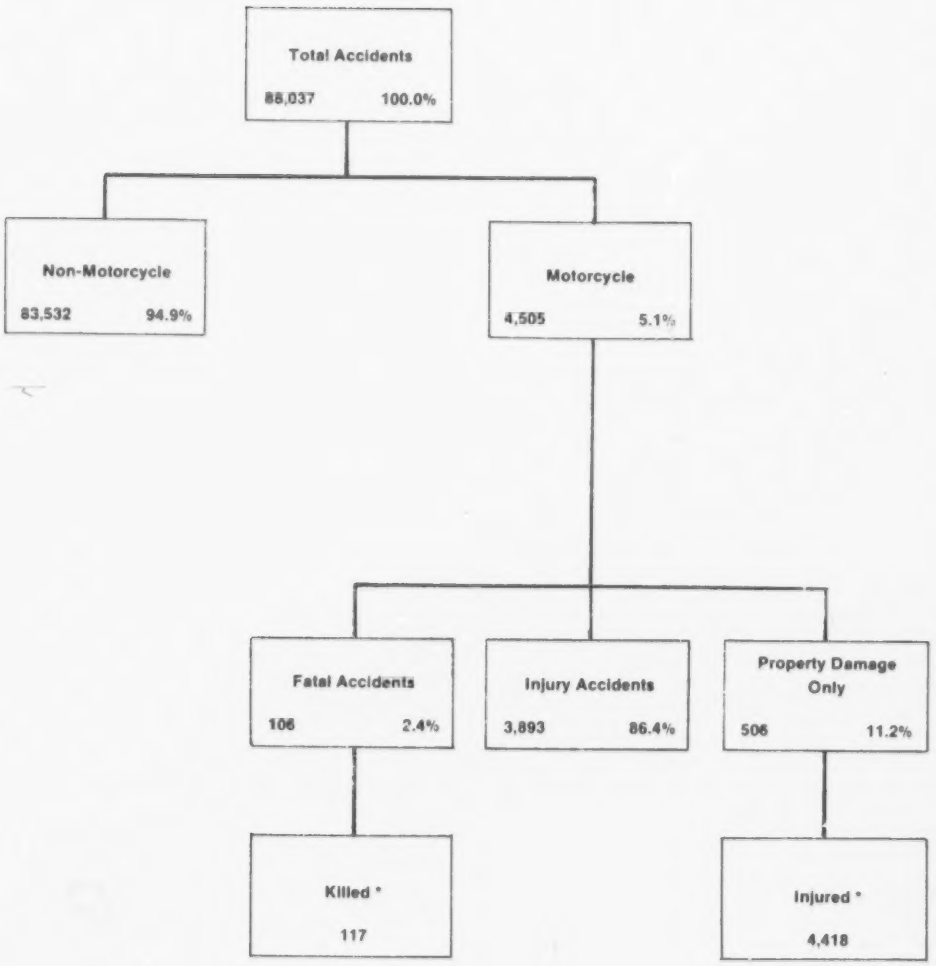
1984 Pedalcycle Accidents

STATEWIDE	Total	Urban	Rural
Number of Accidents	1,675	1,536	139
Persons Killed	24	20	4
Persons Injured	1,598	1,464	134
Property Damage Only	135	122	13

Sex and Age of Pedalcyclist Killed and Injured

Age Group	Persons Killed			Persons Injured			
	Total	Male	Female	Total	Male	Female	Not Stated
0-4	1	1	0	10	9	1	0
5-9	3	2	1	140	105	35	0
10-14	5	5	0	362	271	91	0
15-19	2	1	1	336	245	91	0
20-24	3	2	1	282	202	80	0
24-34	0	0	0	191	139	52	0
35-44	3	1	2	71	52	19	0
45-54	1	1	0	29	18	10	1
55-64	2	1	1	28	21	7	0
65-74	1	1	0	9	8	1	0
75 & Over	2	1	1	11	9	2	0
Age Not Stated	1	1	0	71	54	17	0
Totals	**24**	**17**	**7**	**1,540**	**1,133**	**406**	**1**

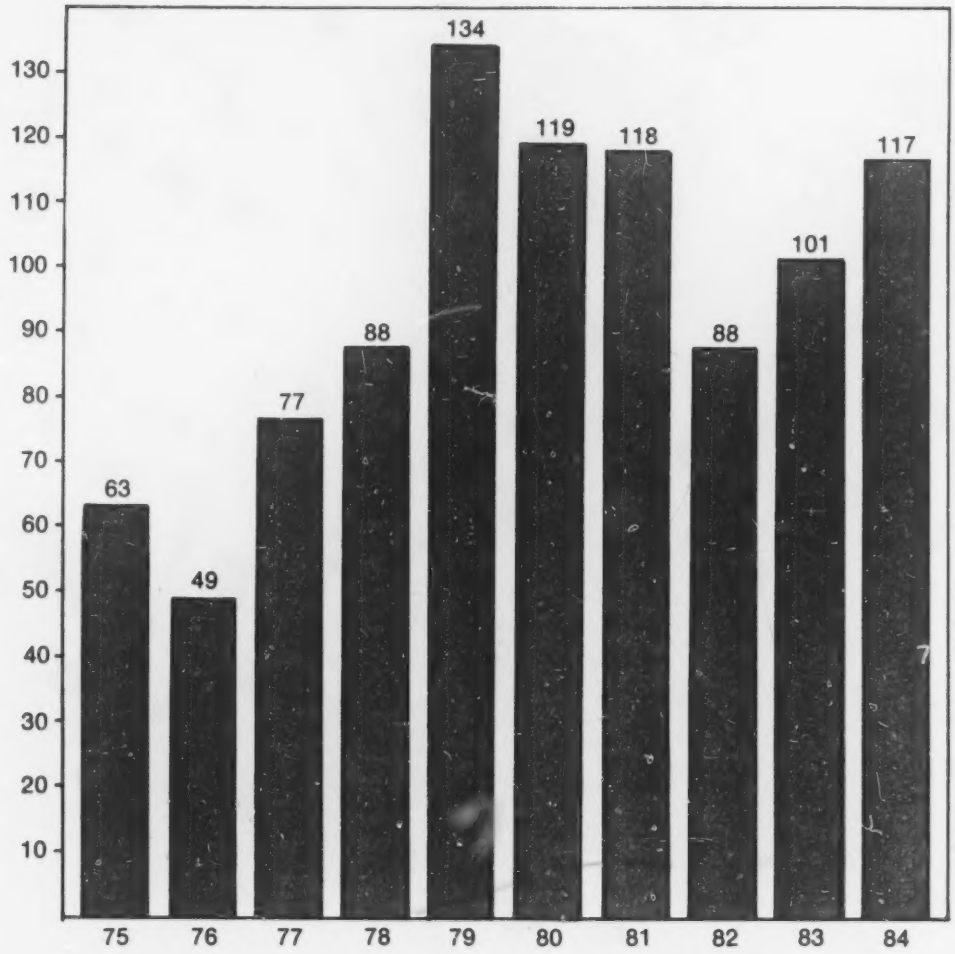
Motorcycle Accidents



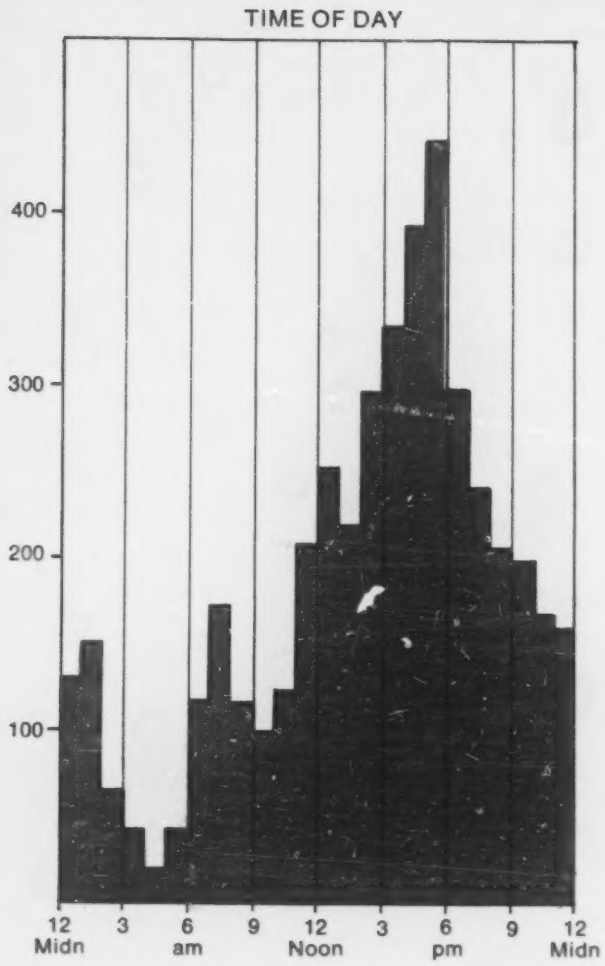
* Motorcycle drivers and passengers only.

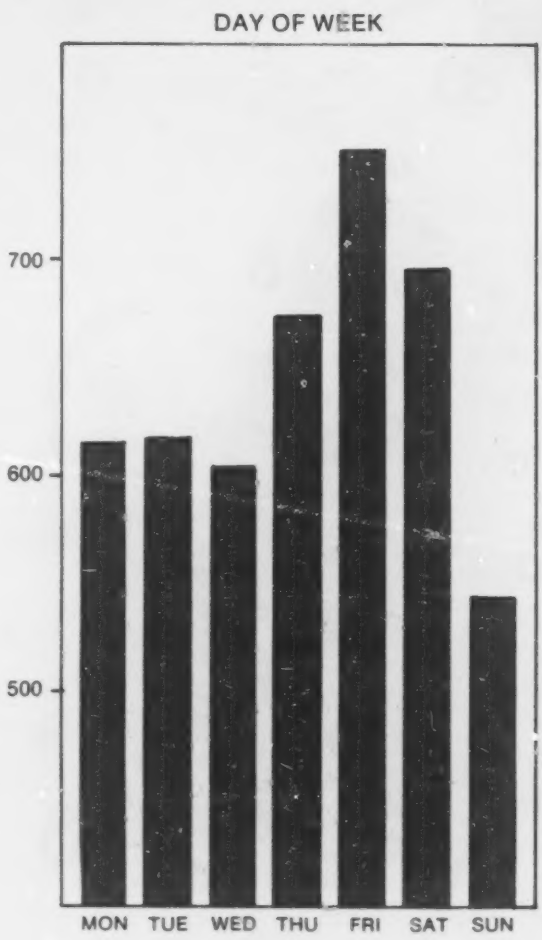
Motorcycle Fatalities
1975 - 1984

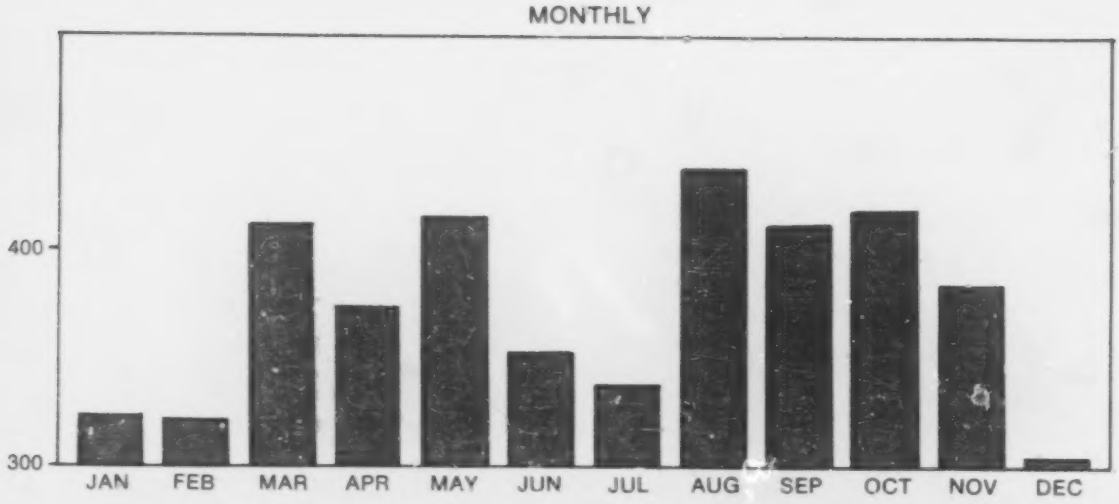
- *Helmet law repealed May 27, 1976*



Total Accidents Involving Motorcycles







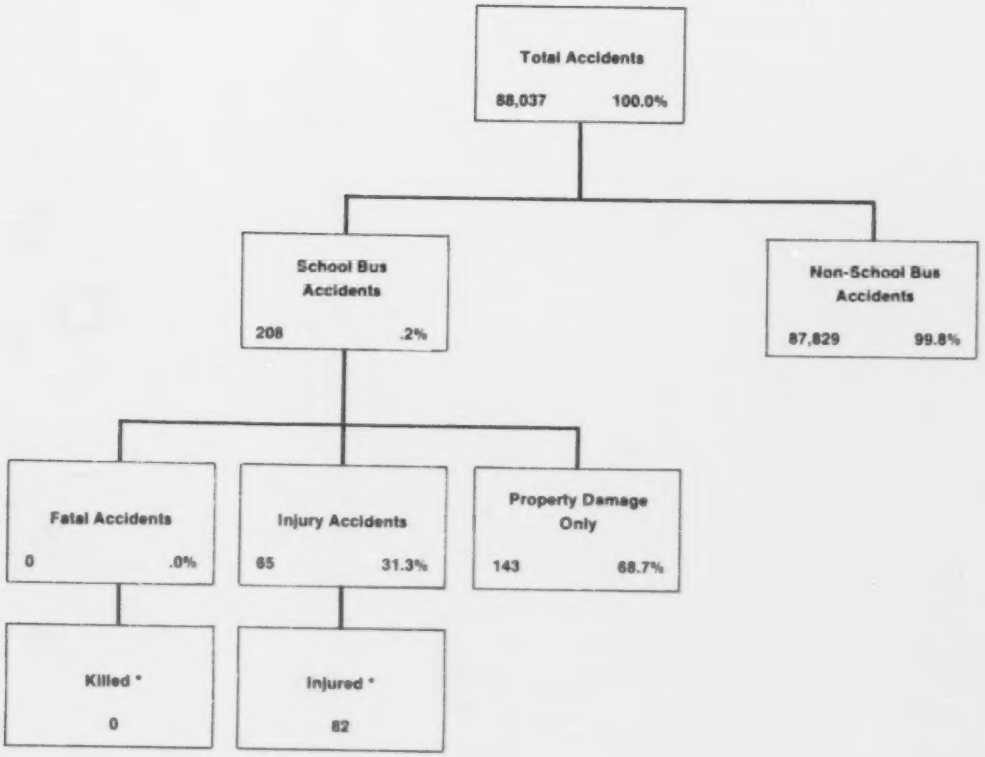
Motorcycle Drivers Involved in Accidents

AGE OF DRIVER	Number of Drivers	Percent of Total	Number of Drivers in Fatal Accidents	Number of Drivers in Non-Fatal Injury Accidents
15 & Younger	119	2.6	3	101
16	72	1.6	3	60
17	149	3.3	0	140
18-19	593	13.0	15	518
20-24	1,458	32.0	41	1,288
25-34	1,327	29.2	36	1,149
35-44	430	9.5	10	375
45-54	145	3.2	1	124
55-64	63	1.4	5	54
65-74	43	.9	4	34
75 & Older	10	.2	2	7
Not Stated	142	3.1	3	72
Totals	**4,551**	**100.0**	**123**	**3,922**

SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Non-Fatal Injury Accidents
Male	4,294	111	3,746
Female	180	10	152
Not Reported	77	2	24
Totals	**4,551**	**123**	**3,922**

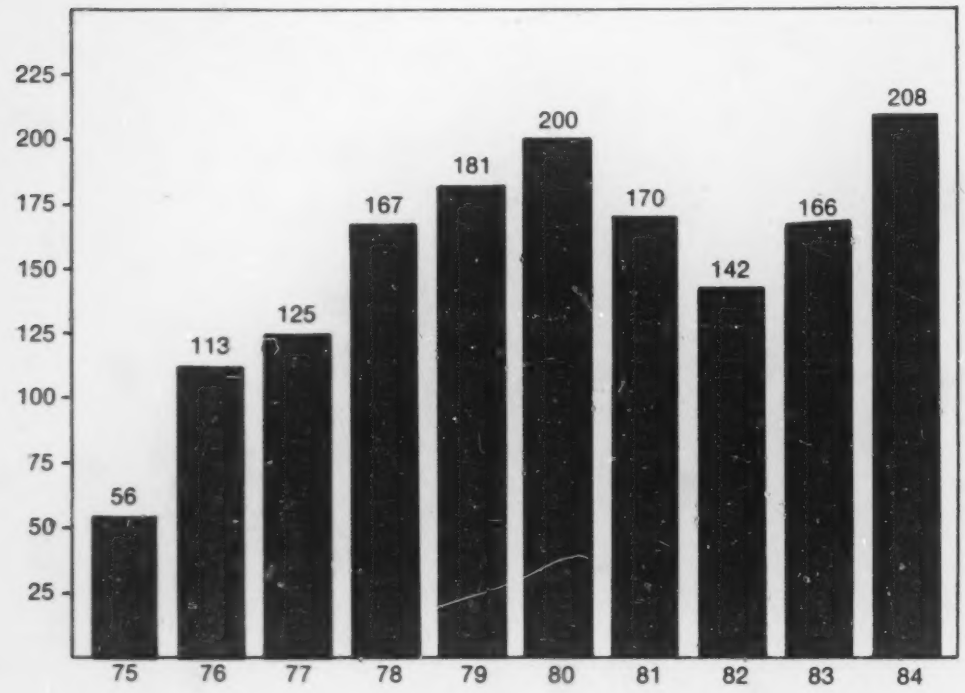
TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	8	0	8	0
Other Non-collision	1,061	12	986	63
Pedestrian	54	5	49	0
Motor Vehicle in Transport	2,813	73	2,369	371
Motor Vehicle on Other Rdway	1	1	0	0
Parked Motor Vehicle	78	3	43	32
Railway Train	1	1	0	0
Pedalcyclist	31	0	31	0
Animal	47	0	43	4
Fixed Object	392	24	338	30
Other Object	19	0	15	4
Totals	**4,505**	**119**	**3,882**	**504**

School Bus Accidents

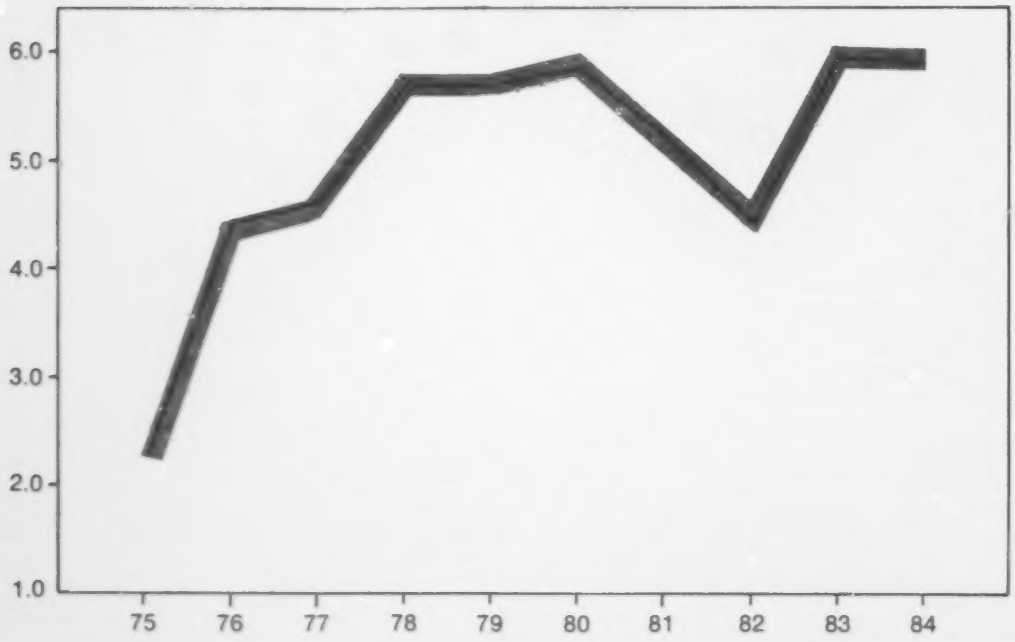


* School bus drivers and occupants only.

School Bus Accidents 1975-1984



School Bus Accidents/1,000,000 Vehicle Miles



State of Arizona
School Bus Statistics
1980 - 1984

	1980	1981	1982	1983	1984
Number of Public School Buses	2,592	2,699	2,839	3,269	3,316
Number of Private and Parochial Buses (est.)	132	168	135	122	125
Number of contracted Buses (est.)	129	136	68	68	70
Total Number of School Buses	2,853	3,003	3,042	3,459	3,511
Total Miles Driven (millions)	34.1	32.8	32.2	27.9	35.2
Public School Pupils Transported Daily	177,065	174,581	183,243	197,246	199,986
Private and Parochial Pupils Transported Daily (est.)	8,978	10,800	N/A	N/A	11,000
Total Number of School Bus Accidents	200	170	142	166	208
Pupil Passengers:					
Killed	0	0	0	0	0
Injured	66	0	45	32	64
Bus Drivers:					
Killed	0	1	0	0	0
Injured	5	24	6	15	18
Others:					
Killed	2	0	1	0	1
Injured	33	6	46	47	101
Property Damage Only:					
Accidents	149	113	105	118	141
School Bus Drivers Involved:					
Male	98	92	74	92	115
Female	101	83	68	75	93
Accident Time of Day:					
A.M.	84	67	74	79	83
P.M.	116	103	68	87	125
Vehicles Involved:					
Automobiles	123	112	91	103	149
Trucks (Including Pick-Ups)	62	43	37	42	56
Parked Vehicles	11	11	7	11	13
Other	13	10	3	11	17
Accident Location:					
Interstate Highway	4	5	2	6	5
State Highway	19	15	1	15	10
County Road	42	32	17	22	33
City Street	136	114	110	120	158
Other	00	4	4	3	2
Weather Conditions:					
Clear and Dry	156	143	103	130	175
Rain	12	15	6	11	11
Snow or Ice	3	2	2	4	1
Dust	1	0	0	0	0
Fog	0	0	0	1	1
Cloudy	---	---	31	20	21

* School bus accident for statistical purposes is one in which the school bus is directly involved.

50530-1-U A

Arizona Traffic Accident Summary

1985

Arizona Department of Transportation

GOVERNOR
Bruce Babbitt

State Transportation Director
Charles L. Miller

Assistant Director of ADOT, Highways Division
W. O. Ford

State Transportation Board
Chairman
Arthur C. Atonna

Vice Chairman
Andrew Federhar

Members
Hal Butler
Sondra Eisberg
Tereso (Ted) Valdez
Hank Gietz
D. James Patterson

Table of Contents

Page

HIGHLIGHTS AND HISTORICAL TRENDS 3

Total accidents, fatalities, injuries, age and sex of victims, economic loss, holiday deaths, preliminary seat belt data.

GEOGRAPHIC LOCATION 10

Accidents by state highways, counties, cities.

ACCIDENT DESCRIPTION 17

First harmful event, time, day, month, weather, and road conditions.

MOTOR VEHICLE AND DRIVER CHARACTERISTICS.....24

Vehicle type, registration, age sex of drivers, accident causes.

ALCOHOL-RELATED ACCIDENTS.....29

Age, sex of drivers, history, type of accident, location

PEDESTRIAN AND PEDALCYCLIST ACCIDENTS.....33

Age, sex of victims, actions, history.

MOTORCYCLE ACCIDENTS.....38

Age, sex of victims, time, day, month, accident type.

SCHOOL BUS ACCIDENTS.....42

Injuries, fatalities, history.

The 1985 ARIZONA TRAFFIC ACCIDENT SUMMARY is an annual report published by the Traffic Engineering Section of the Arizona Department of Transportation.

This publication is a statistical review of motor vehicle traffic accidents in the State of Arizona for the calendar year 1985. The figures are compiled from the traffic accident reports that are submitted to the Arizona Department of Transportation by State, County, City, Reservation and other police agencies.

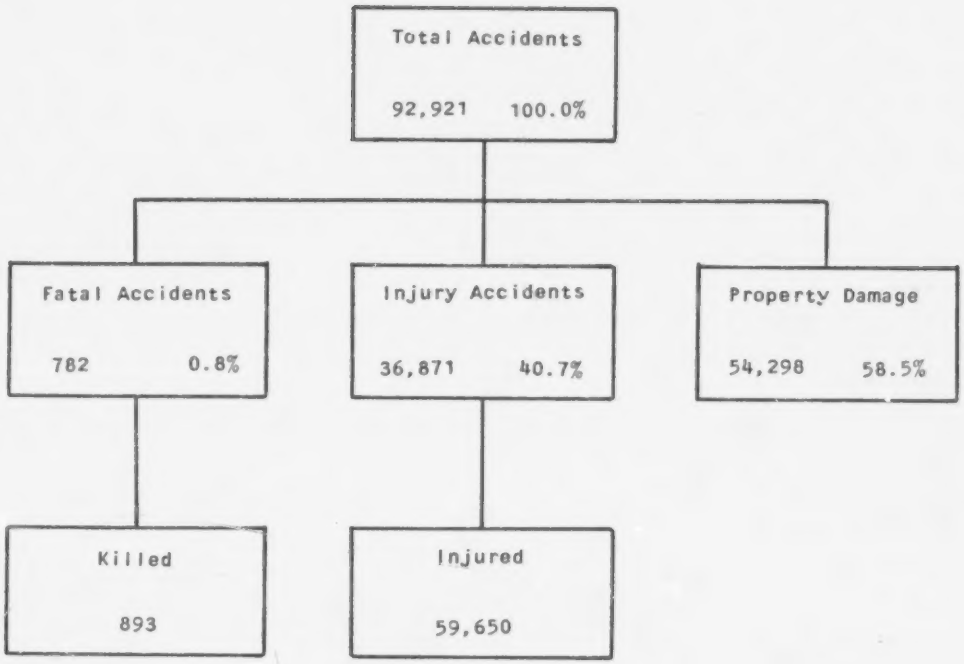
This summary is published with the cooperation of and assistance from the Public Information Office, Forms Management and the Governor's Office of Highway Safety.

Specific questions regarding data presented in the report should be addressed to:

Arizona Department of Transportation
Traffic Records Unit
1739 West Jackson Mail Drop 106T
Phoenix, AZ 85007

Phone: (602) 255-7724

Highlights and Historical Trends



ARIZONA ACCIDENT FACTS --- 1985

	1984	1985	Percent Change
Reported Accidents	88,037	92,921	+5.6
Total Killed	869	893	+2.8
Total Injured	57,592	59,650	+3.6
Pedestrians Killed	178	153	-14.1
Pedestrians Injured	1,482	1,416	-4.5
Motorcyclists Killed	117	116	-0.9
Motorcyclists Injured	4,418	4,117	-6.8
Bicyclists Killed	24	18	-25.0
Bicyclists Injured	1,540	1,618	+5.1
Millions of Vehicle Miles Traveled	26,700	29,050	+8.8
Deaths Per 100 Million Vehicle Miles Traveled	3.25	3.07	-5.5
Injuries Per 100 Million Vehicle Miles Traveled	215.7	205.3	-4.8

In 1985

2.4 persons were killed every day (one every 10.0 hours)

163.4 persons were injured every day (one every 8.8 minutes)

One licensed driver out of every 12.0 was involved in an accident

One vehicle out of every 13.0 was involved in an accident

61% of drivers in all accidents were male

75% of drivers in fatal accidents were male

11% of all accidents involved alcohol

36.4% of fatal accidents involved alcohol

68% of all accidents happened during daylight hours

55% of fatal accidents happened during darkness

42% of fatal accidents happened on non-holiday weekends from 6 p.m. Friday to midnight Sunday

Most dangerous day: Friday with 18% of all accidents

79% of all accidents happened in urban areas of the state

45% of fatal accidents happened in urban areas of the state

Arizona Economic Loss by County for 1985*

COUNTIES	Persons Killed		Persons Injured		Property Damage Accidents		Total Economic Loss
	No.	$ Loss	No.	$ Loss	No.	$ Loss	
Apache	44	9,680,000	486	2,581,200	531	631,890	12,893,090
Cochise	21	4,620,000	685	4,834,000	865	1,029,350	10,483,350
Coconino	62	13,640,000	1,308	8,288,400	1,972	2,346,680	24,275,080
Gila	22	4,840,000	541	3,476,400	463	550,970	8,867,370
Graham	6	1,320,000	176	1,608,400	108	128,520	3,056,920
Greenlee	1	220,000	53	364,400	83	98,770	683,170
La Paz	18	3,960,000	310	2,529,200	239	284,410	6,773,610
Maricopa	370	81,400,000	38,845	241,338,400	33,295	39,621,050	362,359,450
Mohave	47	10,340,000	1,295	10,660,000	1,012	1,204,280	22,204,280
Navajo	34	7,480,000	641	4,455,600	765	910,350	12,845,950
Pima	118	25,960,000	11,073	67,165,200	11,209	13,338,710	106,463,910
Pinal	67	14,740,000	1,230	9,308,000	1,325	1,576,750	25,624,750
Santa Cruz	4	880,000	228	1,428,800	122	145,180	2,453,980
Yavapai	53	11,660,000	1,357	9,090,800	987	1,174,530	21,925,330
Yuma	26	5,720,000	1,422	11,156,800	1,322	1,573,180	18,449,980
TOTAL	893	$196,460,000	59,650	$378,285,600	54,298	$64,614,620	$639,360,220

Economic Loss From Traffic Accidents in Arizona (* Based on estimates developed by the Journal of American Insurance.)

1. Fatality $ 220,000 (893)
2. Incapacitating Injury $ 21,600 (10,834)
3. Non-Incapacating Injury $ 5,200 (21,423)
4. Possible Injury $ 1,200 (27,393)
5. Property Damage Only $ 1,190 (54,298)

Items 1 through 4 are per injury and include property damage.
Item 5 is per accident.

Annual economic loss to every man, woman and child in Arizona was $ 200

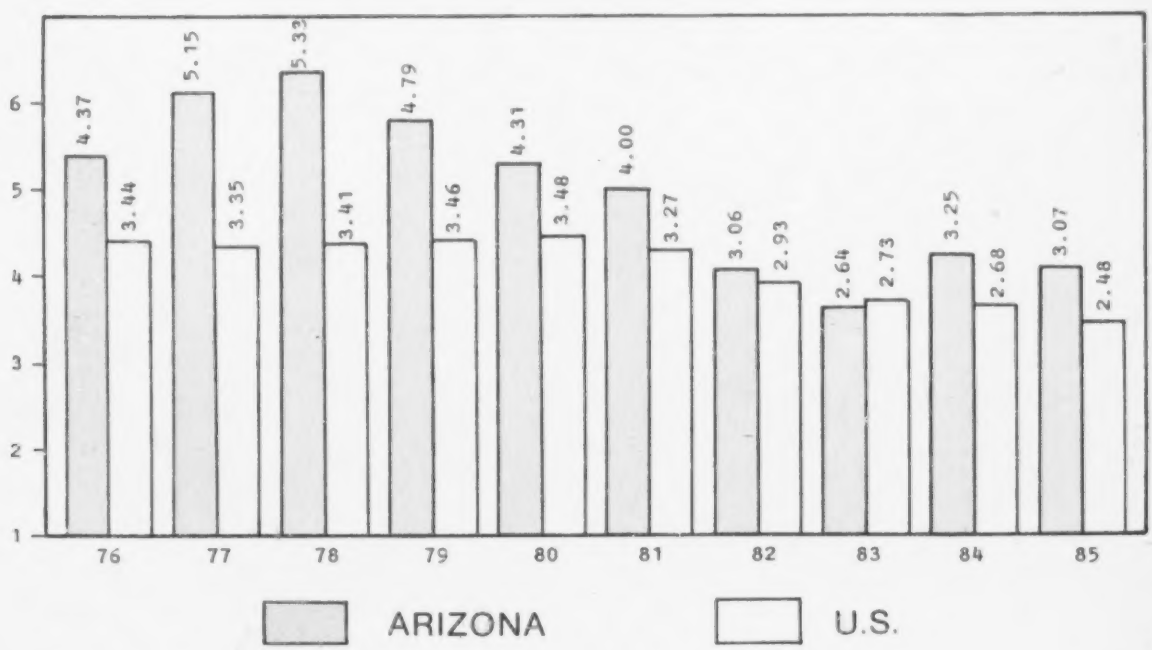
Deaths and Injuries by Age and Sex

AGE	PERSONS KILLED			PERSONS INJURED			
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	SEX NOT STATED
0-4	21	13	8	1,449	720	726	3
5-9	17	14	3	1,789	887	900	2
10-14	30	22	8	2,064	1,059	1,004	1
15-19	107	69	38	9,355	5,041	4,307	7
20-24	152	119	33	11,675	6,671	4,991	13
25-34	194	152	42	13,655	7,790	5,862	3
35-44	122	86	36	7,509	3,690	3,811	8
45-54	60	40	20	4,253	2,036	2,213	4
55-64	65	49	16	3,530	1,562	1,966	2
65-74	55	26	29	2,515	1,070	1,445	0
75 & Over	51	32	19	1,327	604	722	1
Age Not Stated	19	15	4	529	329	168	32
TOTALS	893	637	256	59,650	31,459	28,115	76

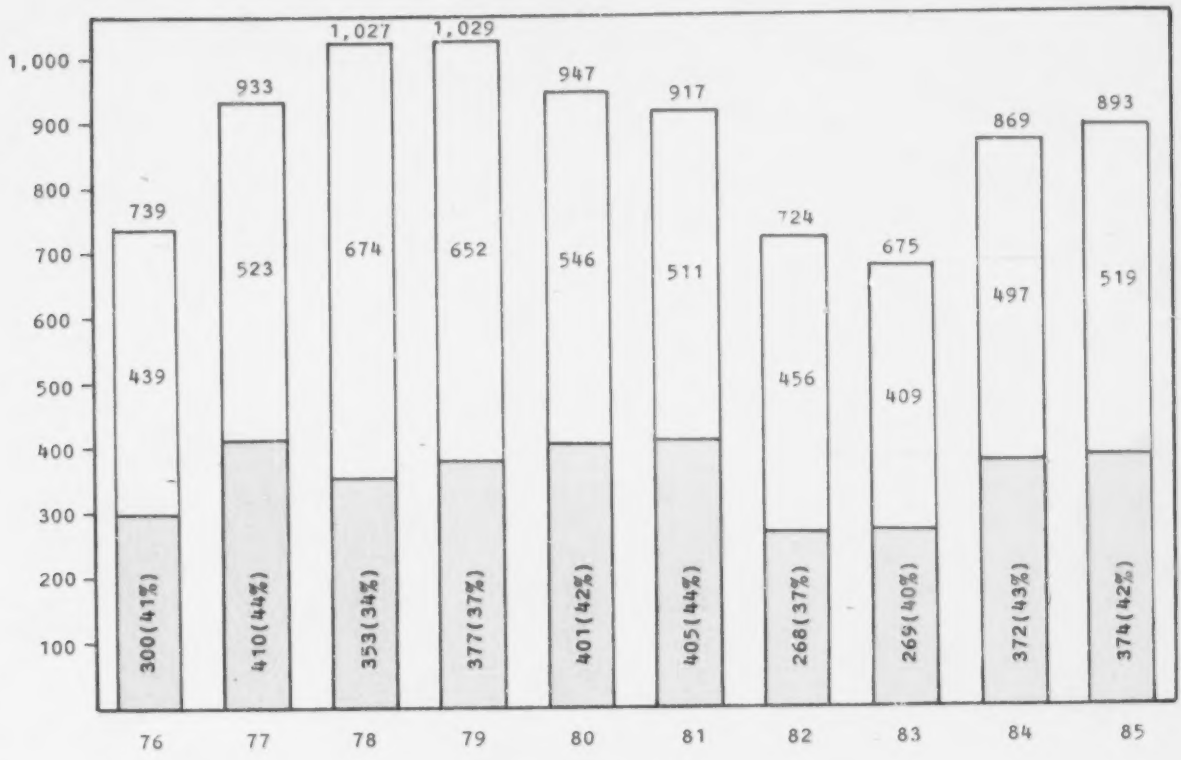
Arizona Highway Accident Statistics
1930 - 1985

Year	Motor Vehicle Registration	Motor Vehicle Mileage	Traffic Deaths	Traffic Injuries	Estimated AZ Fatality Rate/Per 100,000,000 Vehicle Mi.	Estimated US Fatality Rate/Per 100,000,000 Vehicle Mi.
1930	110,915	867,750,000	190	NA	21.90	15.60
1935	105,610	930,758,000	217	1,905	23.31	15.91
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1945	146,436	1,573,475,000	283	2,540	17.98	11.28
1950	271,803	2,944,000,000	325	4,135	10.73	7.59
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1965	857,934	8,339,000,000	550	21,279	6.59	5.54
1970	1,122,113	12,122,437,566	762	32,230	6.28	4.91
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1976	1,536,835	16,895,449,043	739	39,467	4.37	3.44
1977	1,615,727	18,121,403,496	933	44,484	5.15	3.35
1978	1,728,190	19,277,000,000	1,027	51,607	5.33	3.41
1979	1,810,204	21,500,000,000	1,029	51,743	4.79	3.46
1980	1,896,076	21,965,000,000	947	49,697	4.31	3.48
1981	1,973,831	22,920,000,000	917	48,322	4.00	3.27
1982	2,022,928	23,663,000,000	724	45,778	3.06	2.93
1983	2,055,026	25,561,000,000	675	50,076	2.64	2.51
1984	2,162,526	26,700,000,000	869	57,592	3.25	2.68
1985	2,283,832	29,050,000,000	893	59,650	3.07	2.48

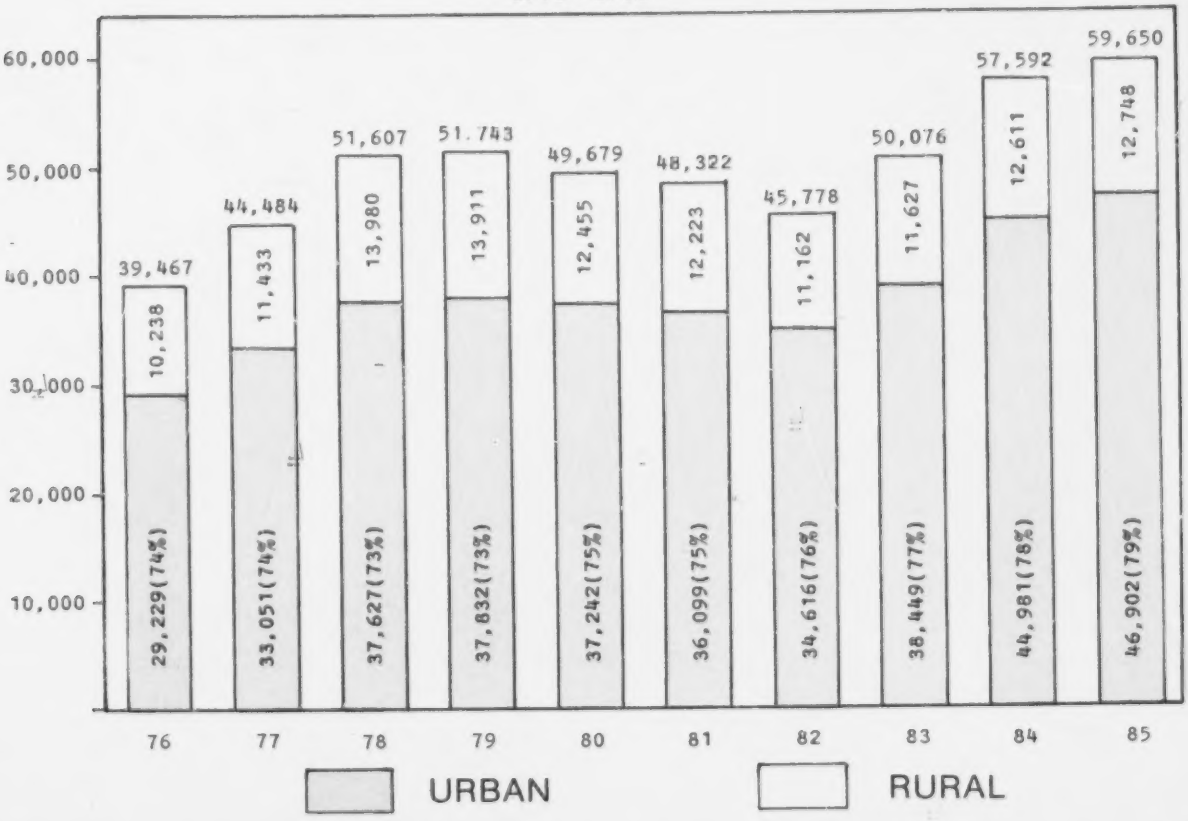
Arizona vs U.S. Fatality Rate
(Fatalities/100,000,000 Vehicle Miles)



Persons Killed
1976 - 1985



Persons Injured
1976 - 1985



Holiday Traffic Fatalities

Of the six major holidays celebrated each year, three fall on specific days of the week -- Memorial Day, Labor Day, and Thanksgiving. They are regarded as three or four-day holidays, as the weekend is also included.

The other three holidays are celebrated on specific dates, and depending on what day of the week the date falls, the holiday period will vary from one to four days. If one of the "floating" holidays falls on Wednesday, it is a one-day holiday, otherwise the holiday period also includes the preceding or following weekend.

The counting of holiday fatalities starts at 6 p.m. on the last working day before the holiday and continues until midnight of the last day of the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

	1980	1981	1982	1983	1984
New Years	14 / 17 (4)	18 / 21 (4)	8 / 8 (3)	5 / 5 (3)	5 / 6 (3)
Memorial Day	8 / 9 (3)	10 / 10 (3)	9 / 11 (3)	6 / 7 (3)	11 / 14 (3)
4th of July	7 / 11 (3)	17 / 19 (3)	11 / 14 (3)	9 / 12 (3)	2 / 2 (1)
Labor Day	11 / 12 (3)	8 / 8 (3)	7 / 9 (3)	14 / 18 (3)	12 / 14 (3)
Thanksgiving	10 / 13 (4)	13 / 13 (4)	7 / 8 (4)	10 / 15 (4)	15 / 16 (4)
Christmas	17 / 20 (4)	11 / 11 (3)	8 / 10 (3)	5 / 5 (3)	9 / 9 (4)

Key to the information: Fatal Accidents / No. Killed (Days in Holiday period)

Holiday	1985 Dates		Number of Full Days	People Killed
	Begin 6 p.m.	End Midnight	1985	1985
New Years	Friday Dec.28,1984	Monday Jan.1,1985	4	11
Memorial Day	Friday May 24,1985	Monday May 27, 1985	3	14
July 4th	Wednesday July 3, 1985	Monday July 7, 1985	4	22
Labor Day	Friday Aug 30,1985	Monday Sept. 2 1985	3	6
Thanksgiving	Wednesday Nov 27, 1985	Sunday Dec. 1, 1985	4	11
Christmas	Tuesday Dec. 24, 1985	Wednesday Dec. 25, 1985	1	2

Preliminary Restraint Usage Statistics

In 1985, the collection of restraint usage data for all persons in an accident involved vehicle was initiated. The statistics shown below reflect preliminary results of this data collection.

Information on driver restraint usage has been purged of the most obvious unknowns, i.e., hit and run drivers and those that could not be wearing seat belts, such as, motorcycle riders.

Occupant restraint usage has been divided into two categories, those age 4 and under who are covered by our child restraint law, and all other occupants ages 5 and older.

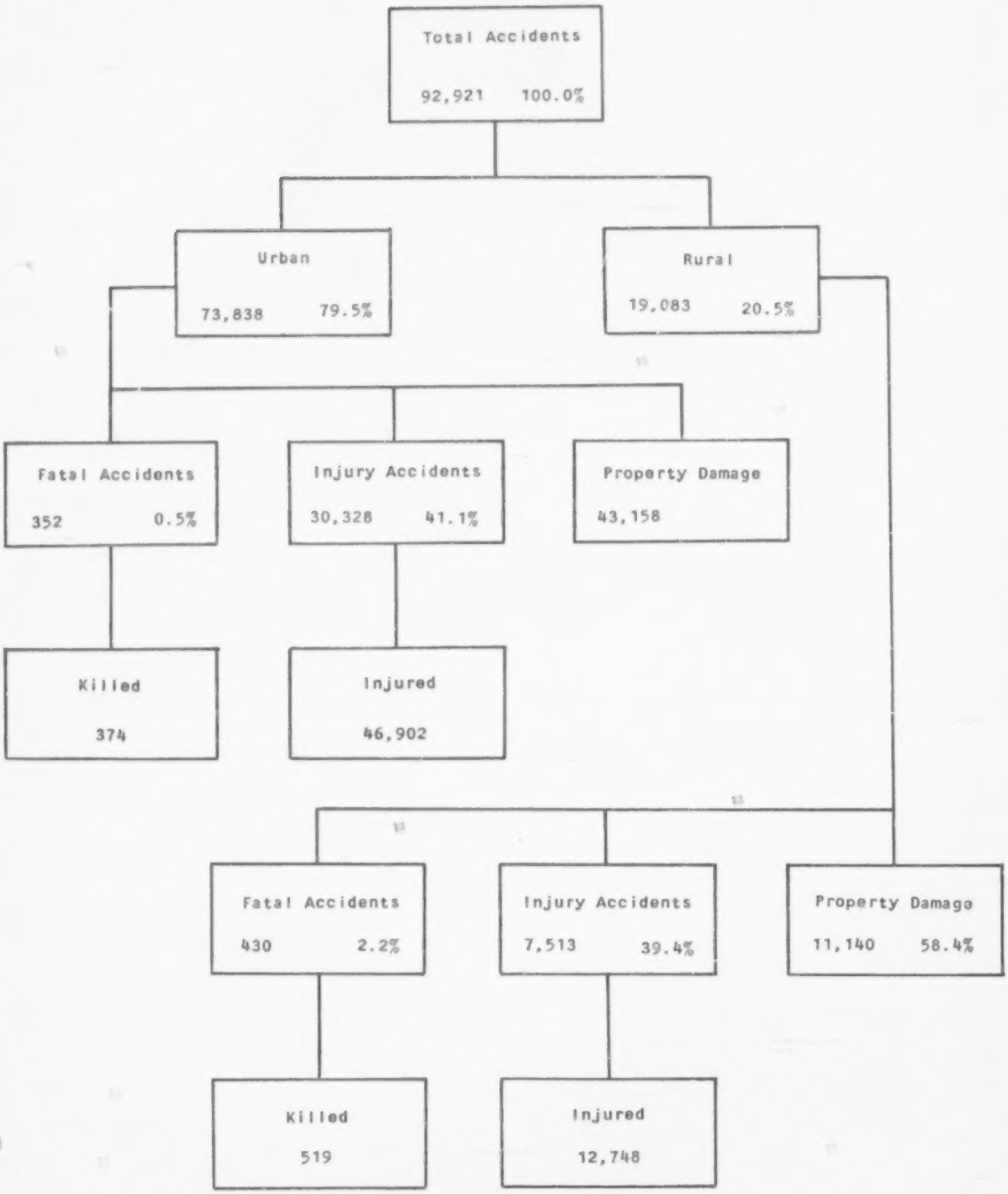
These statistics will show that it is obviously safer to wear a seat belt, but do not give any decisive conclusions at the present time. The driver that is conscientious enough to buckle up may well be a more careful driver to begin with.

DRIVERS	Number of Drivers	% Usage	Number Killed	% Killed in Category	% Total Dr. Killed
Restraint Used	39,372	25.1	22	0.06	6.2
Restraint Not Used	84,970	54.2	239	0.28	67.5
Restraint Usage Unk	32,659	20.7	93	0.29	26.3
Total Tested	157,001	100.0	354	---	100.0

OCCUPANTS 5 and OLDER	Number of Occupants	% Usage	Number Killed	% Killed in Category	% Total 5+ Occ. Killed
Restraint Used	11,894	17.9	13	0.11	5.7
Restraint Not Used	43,212	64.9	167	0.39	72.6
Restraint Usage Unk	11,512	17.2	50	0.43	21.7
Total Tested	66,623	100.0	230	---	100.0

OCCUPANTS 4 and UNDER	Number of Occupants	% Usage	Number Killed	% Killed in Category	% Total 4- Occ. Killed
Restraint Used	4,237	51.0	0	0	0
Restraint Not Used	3,041	36.6	13	0.43	87.7
Restraint Usage Unk	1,029	12.4	2	0.20	12.3
Total Tested	8,308	100.0	15	---	100.0

Geographic Location



Accidents, Deaths, Injuries by Cities and Towns

(As Reported to Arizona Department of Transportation)

Counties Cities	Number of Accidents				Number of Persons		Alcohol Related		
	Total	Fatal	Injury	Prop. Dam.	Total Killed	Total Inj.	Total Acc.	Total Killed	Total Inj.
APACHE									
Eagar	12	0	5	7	0	6	1	0	1
St. Johns	22	0	7	14	1	10	1	0	0
Springerville	23	1	6	16	1	10	4	0	0
State Rural Rds	510	19	157	334	20	287	99	5	99
Other Rural Rds	273	16	97	160	22	173	79	16	62
TOTAL	840	37	272	531	44	486	184	21	162
COCHISE									
Benson	15	1	6	8	1	12	1	0	1
Bisbee	74	0	23	51	0	38	17	0	11
Douglas	69	0	17	52	0	30	10	0	5
Huachuca City	3	1	0	2	1	2	0	0	0
Sierra Vista	479	0	137	342	0	209	31	0	17
Tombstone	21	0	3	18	0	3	0	0	0
Willcox	50	0	11	39	0	15	7	0	4
State Rural Rds	435	10	163	262	13	282	52	1	51
Other Rural Rds	156	6	59	91	6	94	30	1	24
TOTAL	1,302	18	419	865	21	685	148	2	113
COCONINO									
Flagstaff	1,321	5	280	1,036	5	442	117	3	71
Fredonia	2	0	0	2	0	0	1	0	0
Williams	53	0	12	41	0	19	4	0	5
Page	35	0	10	25	0	12	9	0	4
State Rural Rds	1,199	39	401	759	53	769	117	11	110
Other Rural Rds	154	4	41	109	4	66	38	3	32
TOTAL	2,764	48	744	1,972	62	1,308	286	17	222
GILA									
Globe	122	4	43	75	4	59	20	1	17
Hayden	8	0	2	6	0	3	0	0	0
Miami	18	0	10	8	0	15	3	0	3
Payson	63	0	23	40	0	30	5	0	5
Winkelman	1	0	0	1	0	0	0	0	0
State Rural Rds	486	10	218	258	15	348	81	3	83
Other Rural Rds	125	3	47	75	3	86	16	1	18
TOTAL	823	17	343	463	22	541	125	5	126
GRAHAM									
Pima	9	0	4	5	0	8	4	0	3
Safford	10	0	3	7	0	6	0	0	0
Thatcher	36	0	9	27	0	18	6	0	3
State Rural Rds	105	5	49	51	5	99	21	4	35
Other Rural Rds	43	1	24	18	1	45	8	1	14
TOTAL	203	6	89	108	6	176	39	5	55
GREENLEE									
Clifton	21	0	2	19	0	4	1	0	0
Duncan	4	0	3	1	0	8	1	0	0
Morenci	1	0	0	1	0	0	0	0	0
State Rural Rds	69	1	17	51	1	24	7	1	6
Other Rural Rds	22	0	11	11	0	17	5	0	4
TOTAL	117	1	33	83	1	53	14	1	10
LA PAZ									
Parker	37	0	16	21	0	40	4	0	1
State Rural Rds	345	13	134	198	15	240	39	1	50
Other Rural Rds	39	2	17	20	3	30	7	2	13
TOTAL	421	15	167	239	18	310	50	3	64

Accidents, Deaths, Injuries by Cities and Towns

Counties Cities	Number of Accidents				Number of Persons		Alcohol Related		
	Total	Fatal	Injury	Prop. Dam.	Total Killed	Total Inj.	Total Acc.	Total Killed	Total Inj.
MARICOPA									
Avondale	111	1	46	64	1	75	20	1	16
Buckeye	57	0	10	47	0	16	7	0	2
Chandler	1,107	9	418	680	10	635	134	4	109
El Mirage	80	3	35	42	3	61	20	1	12
Gila Bend	4	1	1	2	1	1	0	0	0
Gilbert	212	2	63	147	2	90	16	0	13
Glendale	2,069	8	1,084	977	9	1,703	298	6	312
Goodyear	34	1	11	22	1	14	5	0	1
Guadalupe	2	0	0	2	0	0	0	0	0
Mesa	6,394	28	2,309	4,057	29	3,660	599	7	501
Paradise Valley	253	4	95	154	4	141	21	3	22
Peoria	437	3	113	321	3	181	47	0	27
Phoenix	34,048	152	14,937	18,959	163	23,275	3,791	60	3,522
Scottsdale	3,429	15	1,337	2,077	17	2,101	349	8	341
Sun City	2	0	0	2	0	0	0	0	0
Surprise	31	1	8	22	1	13	1	0	0
Tempe	5,563	22	2,345	3,196	24	3,404	533	14	508
Tolleson	24	1	8	15	1	13	3	0	2
Wickenburg	65	0	19	46	0	19	6	0	1
Youngtown	10	0	2	8	0	2	0	0	0
State Rural Rds	1,424	34	548	842	37	995	211	16	230
Other Rural Rds	3,144	56	1,475	1,613	64	2,447	434	28	503
TOTAL	58,500	341	24,864	33,295	370	38,845	6,496	148	6,122
MOHAVE									
Bullhead City	461	6	163	292	6	258	106	1	104
Kingman	130	1	63	66	1	93	16	1	14
Lake Havasu City	227	5	110	112	5	157	33	2	29
State Rural Rds	743	21	313	409	25	573	120	9	136
Other Rural Rds	267	7	127	133	10	214	78	6	72
TOTAL	1,828	40	776	1,012	47	1,295	320	17	326
NAVAJO									
Holbrook	48	2	8	38	2	11	5	0	1
Pinetop/Lakeside	79	0	19	60	0	35	9	0	8
Show Low	97	0	32	65	0	53	13	0	9
Snowflake	28	0	11	17	0	21	4	0	3
Taylor	1	0	0	1	0	0	0	0	0
Winslow	151	0	32	119	0	39	26	0	10
State Rural Rds	551	21	179	351	24	351	75	4	90
Other Rural Rds	192	6	72	114	8	131	38	3	30
TOTAL	1,147	29	353	765	34	641	170	7	151
PIMA									
Ajo	4	0	1	3	0	1	0	0	0
Marana	36	1	22	13	1	39	9	0	13
Oro Valley	29	0	6	23	0	9	3	0	1
South Tucson	283	1	86	196	1	144	26	0	14
Tucson	13,654	63	5,349	8,242	65	8,171	1,253	17	1,099
State Rural Rds	917	16	367	534	16	621	137	9	154
Other Rural Rds	3,597	29	1,370	2,198	35	2,088	378	18	407
TOTAL	18,520	110	7,201	11,209	118	11,073	1,806	44	1,688
PINAL									
Apache Junction	297	2	84	211	2	140	24	1	10
Casa Grande	375	2	139	234	4	221	61	3	47
Coolidge	75	1	26	48	1	45	10	0	9
Eloy	59	3	17	39	3	25	8	1	5
Florence	49	0	6	43	0	12	1	0	0
Kearny	17	0	7	10	0	10	3	0	6
Mammoth	9	0	2	7	0	4	1	0	0
San Manuel	5	0	0	5	0	0	1	0	0
Superior	14	0	6	8	0	9	1	0	0
State Rural Rds	772	33	275	464	43	497	148	22	167
Other Rural Rds	439	12	171	256	14	267	80	5	92
TOTAL	2,111	53	733	1,325	67	1,230	338	32	336

Accidents, Deaths, Injuries by Cities and Towns

Counties Cities	Number of Accidents				Number of Persons		Alcohol Related		
	Total	Fatal	Injury	Prop. Dam.	Total Killed	Total Inj.	Total Acc.	Total Killed	Total Inj.
SANTA CRUZ									
Nogales	146	2	92	52	2	142	27	0	27
Patagonia	3	0	1	2	0	3	1	0	3
State Rural Rds	111	2	47	62	2	73	21	1	21
Other Rural Rds	11	0	5	6	0	10	3	0	2
TOTAL	271	4	145	122	4	228	52	1	53
YAVAPAI									
Bagdad	1	0	1	0	0	1	1	0	1
Chino Valley	6	0	3	3	0	8	2	0	7
Clarkdale	2	0	1	1	0	1	0	0	0
Cottonwood	108	0	43	65	0	75	10	0	8
Jerome	6	0	2	4	0	2	1	0	0
Mayer	1	0	0	1	0	0	0	0	0
Prescott	388	3	205	180	3	332	41	0	53
Prescott Valley	68	2	27	39	3	43	7	2	4
State Rural Rds	927	27	374	526	38	663	107	9	100
Other Rural Rds	318	7	143	168	9	232	61	2	61
TOTAL	1,825	39	799	987	53	1,357	230	13	234
YUMA									
Somerton	10	0	2	8	0	7	4	0	7
Wellton	1	0	0	1	0	0	0	0	0
Yuma	1,581	3	616	962	3	939	223	1	175
State Rural Rds	356	16	130	210	16	246	54	8	42
Other Rural Rds	301	5	155	141	7	230	57	0	61
TOTAL	2,249	24	903	1,322	26	1,422	338	9	285
GRAND TOTAL	92,921	782	37,841	54,298	893	59,650	10,596	325	9,947

Arizona Revised Statute (ARS) 28-667, requires that "... a motor vehicle accident resulting in bodily injury or death or damage to the property of any person in excess of five hundred dollars,..." shall be reported by forwarding a copy of the accident report to the Arizona Department of Transportation. Some jurisdictions are not in compliance with the statute while others choose to report any and all accidents investigated inspite of the severity. Individual city and county totals may vary widely from year to year due to their reporting policy.

Accidents, Deaths and Injuries on the State Highway System 1985

Legend
Type: I-Interstate S-State U-U.S. Highway
Suffix: A-Alternate B-Business L-Loop S-Spur X-Temporary

TYPE	SUFFIX	ROUTE #	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
I		8	263	13	99	151	14	181	41	100	40
S	B	8	84	3	35	46	3	73	13	44	16
I		10	2,623	41	826	1,756	47	1,320	473	616	231
S	B	10	44	1	15	28	1	23	6	8	9
S	X	10	11	1	5	5	1	14	5	7	2
I		15	51	1	21	29	2	44	6	25	13
I		17	3,697	27	1,118	2,552	35	1,805	869	751	185
I		19	236	3	80	153	3	122	42	58	22
I		40	1,008	30	321	657	36	546	120	311	115
S	B	40	77	0	17	60	0	35	12	19	4
U		60	976	18	369	589	24	651	237	288	126
S		61	24	0	8	16	0	11	1	6	4
S		64	67	3	23	41	6	49	12	24	13
S		66	24	1	16	7	1	36	5	20	11
U		66	17	0	7	10	0	11	2	5	4
S		67	21	0	4	17	0	5	2	3	0
S		68	108	1	48	59	1	85	16	47	22
S		69	139	6	64	69	8	115	38	60	17
U		70	95	8	41	46	8	90	28	35	27
S		71	6	1	1	4	1	2	0	0	2
S		72	7	0	3	4	0	4	2	1	1
S		73	8	2	3	3	2	13	3	3	7
S		74	15	0	7	8	0	8	1	4	3
S	X	74	20	3	11	6	3	28	4	17	7
S		75	8	0	1	7	0	1	0	0	1
S		76	14	0	8	6	0	14	4	9	1
S		77	194	9	57	128	16	104	23	48	33
S		78	5	0	1	4	0	1	1	0	0
S		79	3	0	1	2	0	4	4	0	0
U		80	95	1	39	55	1	54	17	28	9
S		81	1	0	0	1	0	0	0	0	0
S		82	62	1	24	37	1	38	10	18	10
S		83	43	1	22	20	1	47	14	17	16
S		84	70	6	27	37	8	53	23	18	12
S		85	271	8	109	154	8	186	45	106	35
S	S	85	5	1	2	2	1	4	1	2	1
S		86	82	2	46	34	2	71	17	33	21
S		87	523	15	193	315	15	380	114	178	88
S		88	127	0	59	68	0	88	26	42	20
S	B	89	2	0	0	2	0	0	0	0	0
S	S	89	2	0	1	1	0	1	0	1	-0
U		89	803	28	314	461	35	596	234	254	108
U	A	89	341	6	127	208	8	225	79	102	44
S		90	92	3	26	63	3	44	6	28	10
S	S	90	2	0	0	2	0	0	0	0	0
S		92	92	0	41	51	0	87	14	57	16
S		93	15	0	6	9	0	12	3	5	4
U		93	345	10	150	185	14	282	64	136	82
S		95	452	8	187	257	8	322	76	164	82
S	S	95	1	0	1	0	0	2	0	2	0
U		95	192	6	65	121	6	122	30	64	28
S		96	8	0	5	3	0	8	2	4	2
S		97	6	0	3	3	0	3	2	1	0
S		98	29	2	7	20	2	12	5	4	3
S		99	11	2	2	7	2	5	1	4	0

Legend
Type: I-Interstate S-State U-U.S. Highway
Suffix: A-Alternate B-Business L-Loop S-Spur X-Temporary

TYPE	SUFFIX	ROUTE #	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
S		143	33	0	13	20	0	17	9	6	2
U		160	184	8	65	111	11	153	105	15	33
U		163	52	2	14	36	2	27	23	1	3
S		169	7	1	1	5	1	2	1	1	0
S		170	1	1	0	0	1	0	0	0	0
S		177	37	2	17	18	2	20	5	11	4
S		179	64	0	25	39	0	44	15	20	9
U		180	147	5	59	83	6	112	24	65	23
S		181	2	0	1	1	0	1	0	1	0
S		186	11	0	5	6	0	5	0	3	2
S		187	3	0	1	2	0	1	0	1	0
S		188	18	0	9	9	0	15	3	8	4
S		189	6	0	4	2	0	6	1	4	1
U		191	104	2	34	68	2	66	50	9	7
S		260	420	4	153	263	4	252	92	120	40
S		264	78	7	24	47	7	51	38	3	10
S		266	6	0	1	5	0	1	0	1	0
S		273	14	0	5	9	0	5	1	4	0
S		277	10	1	4	5	2	15	1	7	7
S		279	31	0	12	19	0	22	10	6	6
S		280	7	0	0	7	0	0	0	0	0
S		286	5	0	2	3	0	2	1	0	1
S		287	35	2	12	21	2	26	9	9	8
S		288	13	1	4	8	1	12	1	9	2
S		289	4	0	2	2	0	3	1	1	1
S		360	663	0	198	465	0	300	145	118	37
S		366	8	0	4	4	0	7	2	5	0
S		373	3	0	2	1	0	3	0	3	0
S		377	8	1	4	3	1	6	1	4	1
S		387	15	2	6	7	3	14	6	5	3
S		389	9	0	5	4	0	10	2	5	3
S		473	1	0	0	1	0	0	0	0	0
S		504	3	0	1	2	0	1	1	0	0
S		564	3	0	0	3	0	0	0	0	0
S		587	5	0	2	3	0	2	1	1	0
U		666	148	4	49	95	4	85	14	35	36
U	X	666	9	0	1	8	0	2	2	0	0
Totals			15,684	315	5,405	9,964	376	9,325	3,317	4,258	1,750

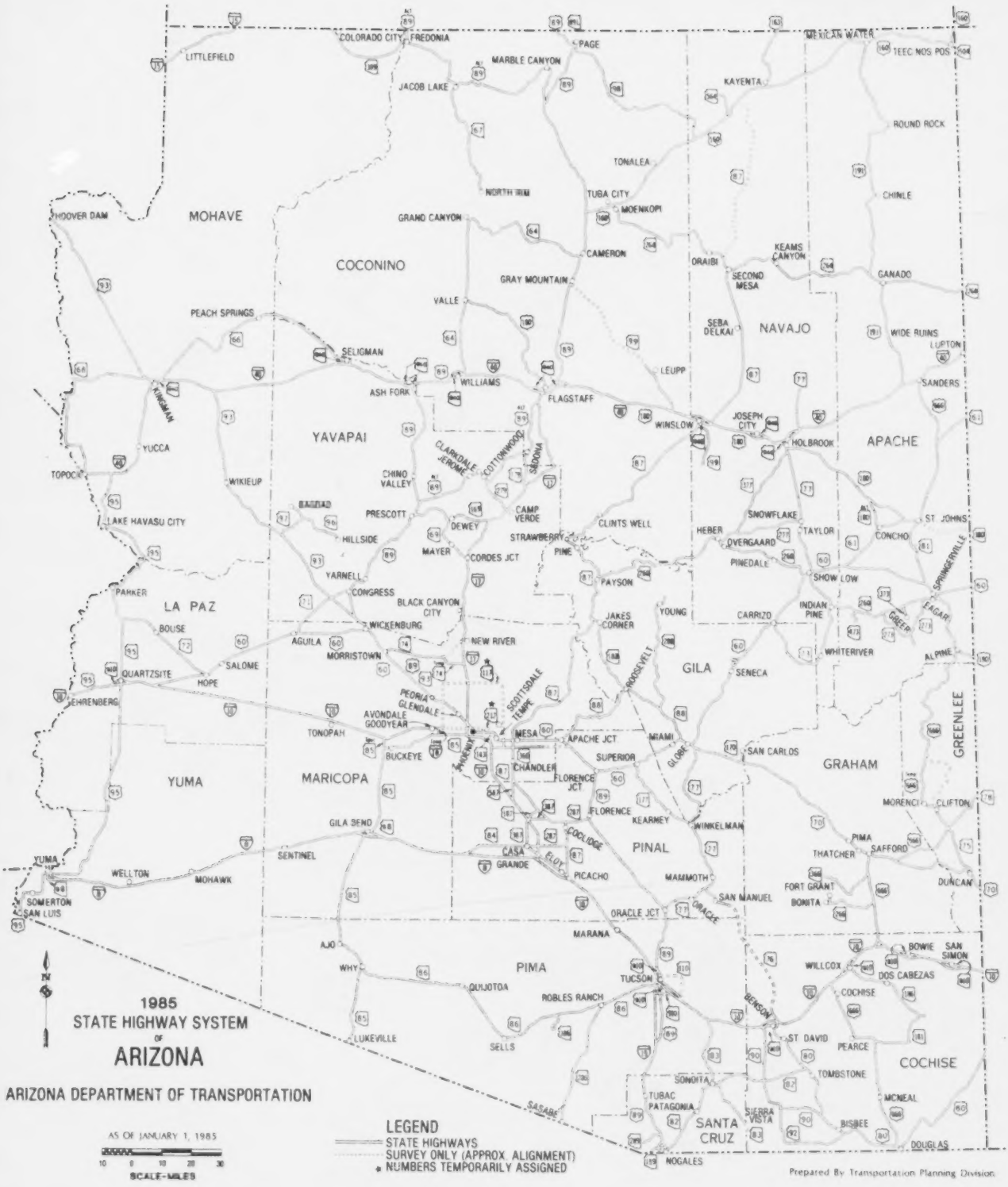
Accident Rates on the State Highway System Averaged Over 1982 - 1984

(Accidents per Million Vehicle Miles of Travel)

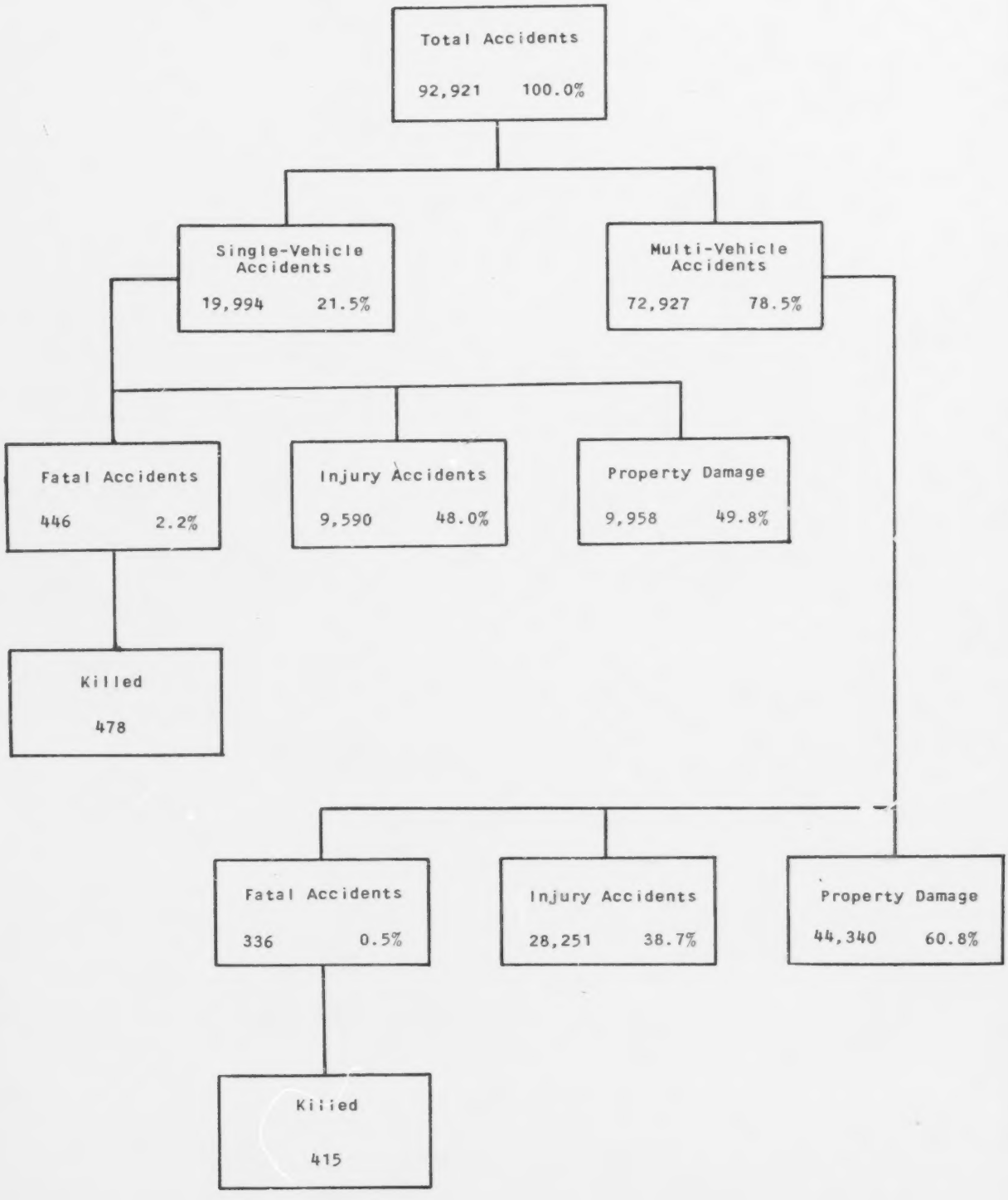
URBAN		RURAL	
2 lane	0.87	2 lane	1.16
4 lane	1.87	4 lane	1.82
4 lane Divided	1.81	4 lane Divided	1.44
Freeway	1.78	Freeway	.70

ALL ROAD CATAGORIES 1.18

(Data needed to compute 1983-1985 rate not available at printing.)


1985
STATE HIGHWAY SYSTEM
OF
ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION
AS OF JANUARY 1, 1985
SCALE-MILES
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
* NUMBERS TEMPORARILY ASSIGNED
Prepared By Transportation Planning Division
MOHAVE
COCONINO
NAVAJO
YAVAPAI
APACHE
LA PAZ
YUMA
MARICOPA
GILA
PINAL
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE
COLORADO CITY
FREDONIA
PAGE
LITTLEFIELD
MARBLE CANYON
JACOB LAKE
KAYENTA
ROUND ROCK
TONALEA
TUBA CITY
MOENKOPI
CHINLE
HOOVER DAM
GRAND CANYON
CAMERON
KEAMS CANYON
ORAIBI
SECOND MESA
GANADO
GRAY MOUNTAIN
VALLE
PEACH SPRINGS
SELIGMAN
SEBA DELKAI
WIDE RUINS
LUPTON
SANDERS
LEUPP
WILLIAMS
ASH FORK
FLAGSTAFF
WINSLOW
JOSEPH CITY
HOLBROOK
KINGMAN
YUCCA
TOPOCK
WIKIEUP
CHINO VALLEY
CLARKDALE
JEROME
COTTONWOOD
SEDONA
LAKE HAVASU CITY
PRESCOTT
CAMP VERDE
CLINTS WELL
SNOWFLAKE
HEBER
TAYLOR
OVERGAARD
CONCHO
ST JOHNS
HILLSIDE
DEWEY
STRAWBERRY
MAYER
CORDES JCT
PINE
PINEDALE
SHOW LOW
SPRINGERVILLE
EAGAR
GREER
YARNELL
PAYSON
PARKER
CONGRESS
BLACK CANYON CITY
JAKES CORNER
YOUNG
CARRIZO
INDIAN PINE
WICKENBURG
BOUSE
AGUILA
NEW RIVER
WHITERIVER
ALPINE
MORRISTOWN
SALOME
QUARTZSITE
HOPE
SEVENTH ST
SCOTTSDALE
TEMPE
ROOSEVELT
SENECA
EHRENBERG
PEORIA
GLENDALE
AVONDALE
GOODYEAR
TONOPAH
MESA
APACHE JCT
MIAMI
SAN CARLOS
BUCKEYE
PHOENIX
CHANDLER
SUPERIOR
GLOBE
FLORENCE JCT
CLIFTON
MORENCI
FLORENCE
KEARNEY
WINKELMAN
GILA BEND
CASA GRANDE
COOLIDGE
ELOY
PICACHO
MAMMOTH
THATCHER
SAFFORD
PIMA
DUNCAN
SENTINEL
YUMA
WELLTON
MOHAWK
SOMERTON
SAN LUIS
FORT GRANT
BONITA
SAN MANUEL
ORACLE JCT
ORACLE
MARANA
AJO
WHY
QUIJOTOA
TUCSON
ROBLES RANCH
WILLCOX
BOWIE
SAN SIMON
DOS CABEZAS
COCHISE
BENSON
LUKEVILLE
SELLS
ST DAVID
PEARCE
TOMBSTONE
SONOITA
TUBAC
PATAGONIA
SIERRA VISTA
BISBEE
MCNEAL
DOUGLAS
NOGALES
SASABE

Accident Description



Type of Accident
(By First Harmful Event)

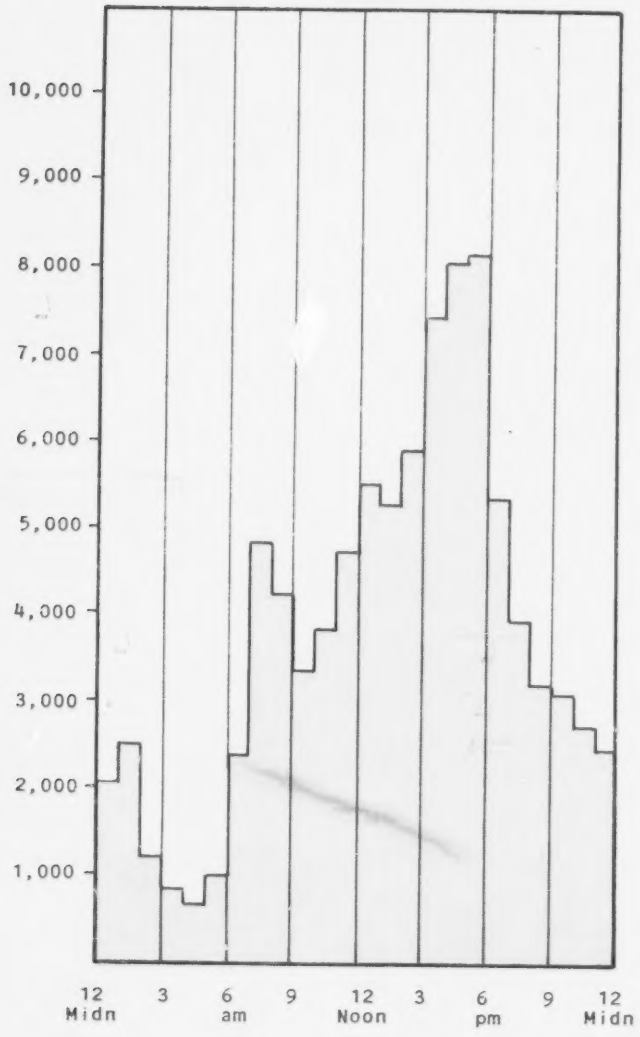
STATEWIDE	TOTAL				ON ROADWAY			OFF ROADWAY		
	Total	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.
Overturning	2,492	114	1,382	996	22	381	328	92	1,001	668
Other Non-Collision	3,603	28	1,624	1,951	18	1,323	1,551	10	301	400
Pedestrian	1,491	149	1,342	0	146	1,289	0	3	53	0
Motor Vehicle in Transit	67,742	298	27,057	40,387	297	26,971	40,241	1	86	146
Motor Vehicle other Rdwy	10	2	4	4	1	4	4	1	0	0
Parked Motor Vehicle	3,891	11	733	3,147	5	635	2,901	6	98	246
Railway Train	37	3	12	22	3	12	21	0	0	1
Pedalcyclist	1,618	18	1,600	0	18	1,551	0	0	49	0
Animal	959	1	148	810	1	144	805	0	4	5
Fixed Object	10,178	151	3,804	6,223	32	1,206	2,177	119	2,598	4,046
Other Object	900	7	135	758	6	113	705	1	22	53
Totals	92,921	782	37,841	54,298	549	33,629	48,733	233	4,212	5,565

URBAN	TOTAL				ON ROADWAY			OFF ROADWAY		
	Total	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.
Overturning	440	13	236	191	5	119	93	8	117	98
Other Non-Collision	1,631	9	856	766	6	801	678	3	55	88
Pedestrian	1,261	93	1,168	0	90	1,129	0	3	39	0
Motor Vehicle in Transit	58,937	163	23,682	35,092	163	23,618	34,975	0	64	117
Motor Vehicle other Rdwy	6	0	3	3	0	3	3	0	0	0
Parked Motor Vehicle	3,373	4	633	2,736	2	565	2,557	2	68	179
Railway Train	31	3	11	17	3	11	17	0	0	0
Pedalcyclist	1,494	15	1,479	0	15	1,433	0	0	46	0
Animal	96	0	33	63	0	32	62	0	1	1
Fixed Object	6,050	50	2,136	3,864	19	794	1,506	31	1,342	2,358
Other Object	519	2	91	426	2	78	389	0	13	37
Totals	73,838	352	30,328	43,158	305	28,583	40,280	47	1,745	2,878

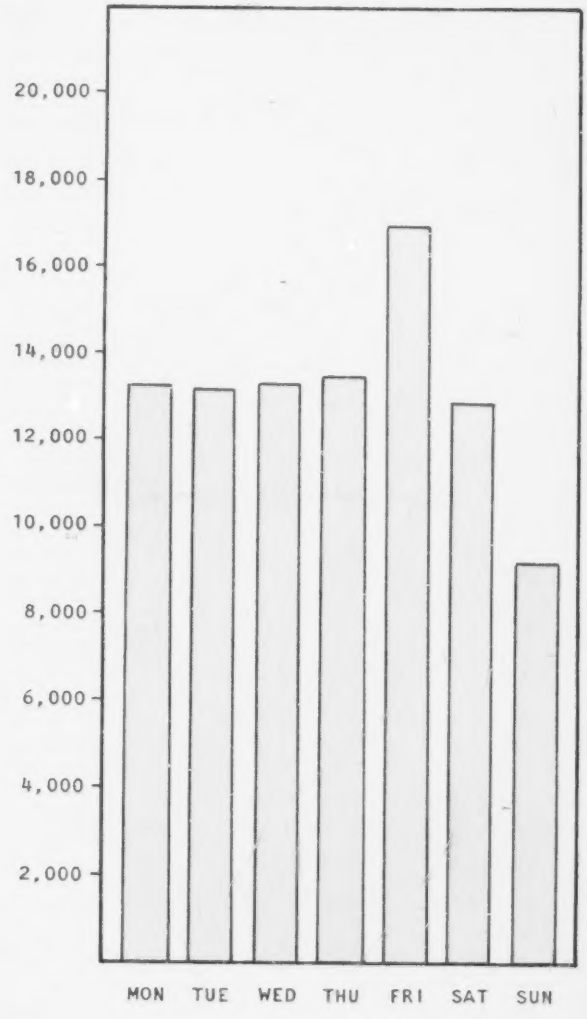
RURAL	TOTAL				ON ROADWAY			OFF ROADWAY		
	Total	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.	Fatal	Injury	Prop. Dam.
Overturning	2,052	101	1,146	805	17	262	235	84	884	570
Other Non-Collision	1,972	19	768	1,185	12	522	873	7	246	312
Pedestrian	230	56	174	0	56	160	0	0	14	0
Motor Vehicle in Transit	8,805	135	3,375	5,295	134	3,353	5,266	1	22	29
Motor Vehicle other Rdwy	4	2	1	1	1	1	1	1	0	0
Parked Motor Vehicle	518	7	100	411	3	70	344	4	30	67
Railway Train	6	0	1	5	0	1	4	0	0	1
Pedalcyclist	124	3	121	0	3	118	0	0	3	0
Animal	863	1	115	747	1	112	743	0	3	4
Fixed Object	4,128	101	1,668	2,359	13	412	671	88	1,256	1,688
Other Object	381	5	44	332	4	35	316	1	9	16
Totals	19,083	430	7,513	11,140	244	5,046	8,453	186	2,467	2,687

1985 Total Accidents

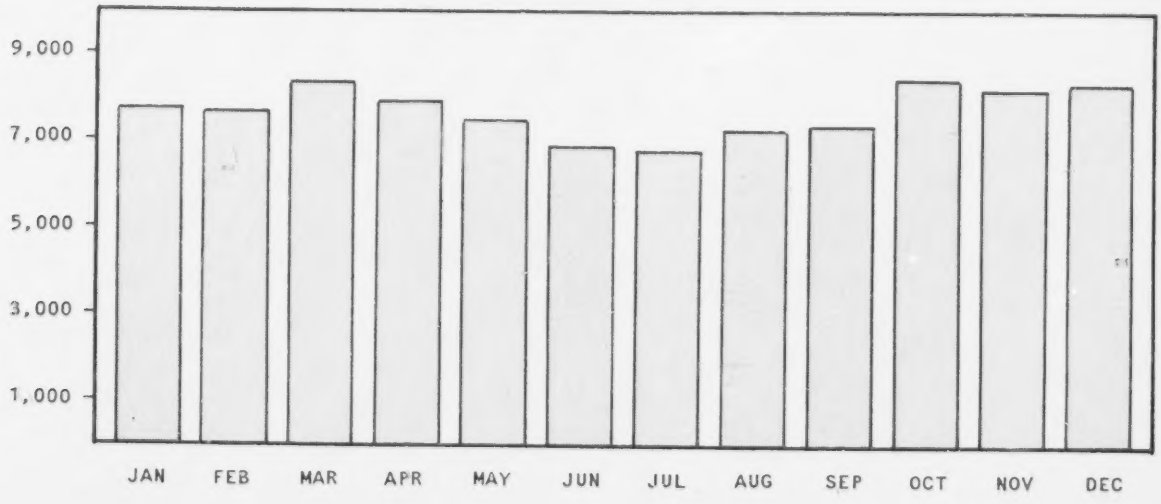
TIME OF DAY



DAY OF WEEK

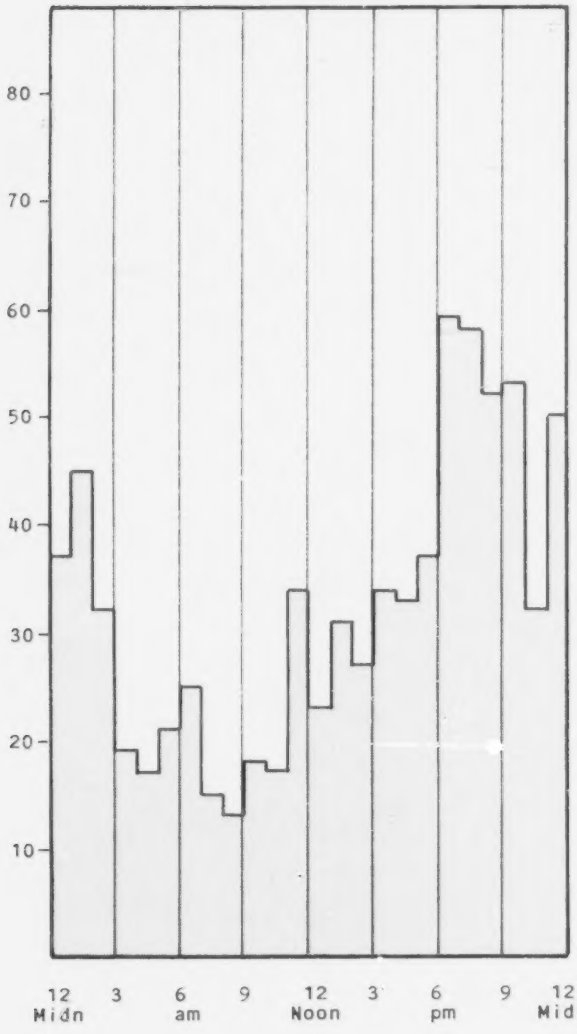


MONTHLY

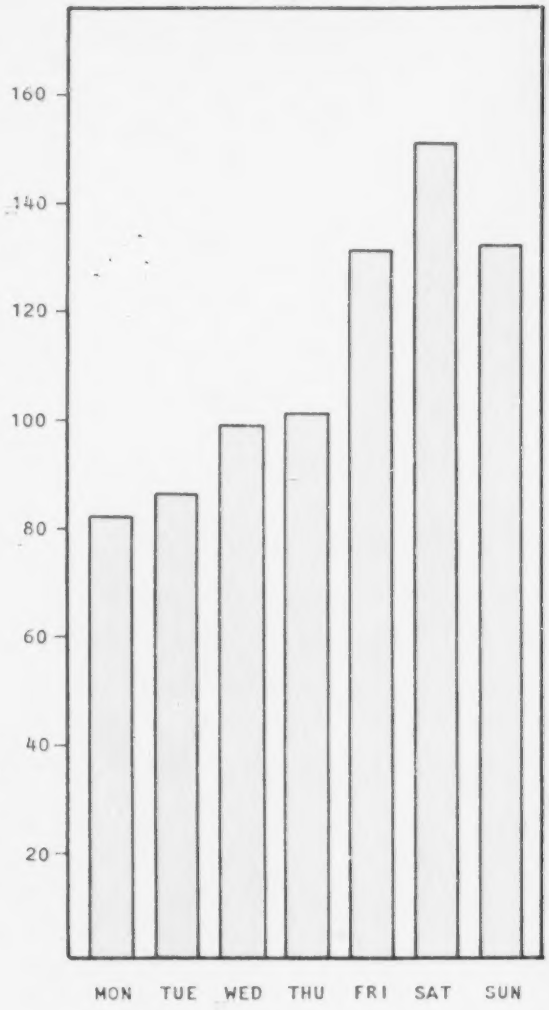


1985 Fatal Accidents

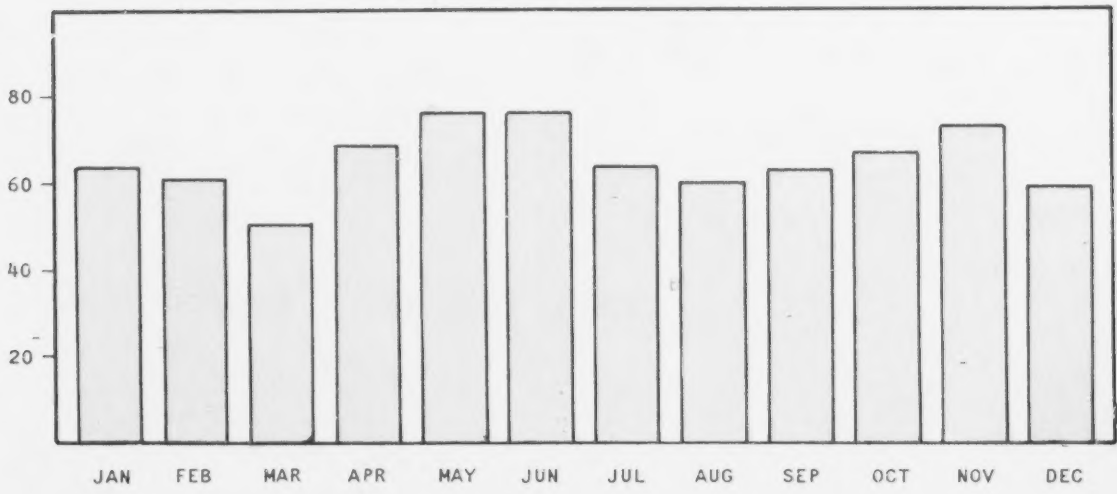
TIME OF DAY



DAY OF WEEK



MONTHLY



Multi-Vehicle Accident

SEVERITY	Total	Head-On	Rear-End	Side-swipe Meeting	Side-swipe Passing	Left Turn	Other Angle	Backed Into	Other
All Acc.	72,927	727	25,869	169	287	10,500	15,950	2,143	17,282
Fatal Acc.	336	44	40	1	1	62	87	0	101
Injury Acc.	28,251	378	11,177	56	31	5,225	6,918	158	4,308

NUMBER OF VEHICLES INVOLVED

Number Vehicles	Number of Accidents	Percent
1	20,074	21.6
2	65,015	70.0
3	6,625	7.1
4	989	1.1
5+	218	.2
TOTALS	92,921	100.00%

Vehicle Mix in Two-Vehicle Accidents

VEHICLE TYPE	Passenger Car	Pick Up/Van	Truck	Bus	Motorcycle	Other Vehicle
Passenger Car	74 29,291	58 20,262	24 1,376	3 300	35 1,889	13 3,267
Pick Up/Van		11 3,961	10 560	1 127	28 610	10 1,220
Truck			6 112	1 9	5 28	3 110
Bus				0 2	2 8	0 25
Motorcycle					1 48	1 87
Other Vehicle						3 175

Legend: Fatal Accidents / Total Accidents

HIT AND RUN ACCIDENTS

HIT & RUN DRIVER INVOLVED	Number of Accidents				Total Killed	Total Injured
	Total	Fatal	Injury	Property Damage		
Yes	8,583	25	2,154	6,404	25	2,976
No	84,338	757	35,687	47,894	868	56,674
Totals	92,921	782	37,841	54,298	893	59,650

Environmental Conditions

LIGHT CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Daylight	63,350	310	25,192	37,848	360	39,224
Dawn or Dusk	4,224	41	1,731	2,452	47	2,674
Darkness	25,070	428	10,831	13,811	483	17,621
Not Reported	277	3	87	187	3	131
Totals	92,921	782	37,841	54,298	893	59,650

68% of all accidents happened during the day, however 55% of the fatal accidents occured at night.

WEATHER CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Clear	73,867	628	30,471	42,768	725	48,049
Raining	5,177	25	1,962	3,190	25	3,106
Cloudy	11,575	101	4,707	6,767	108	7,353
Snowing	879	3	201	675	6	350
Strong Wind	394	8	149	237	8	236
Dust	48	1	23	24	1	30
Fog	63	1	22	40	1	40
Not Stated	918	15	306	597	19	486
Totals	92,921	782	37,841	54,298	893	59,650

79% of the accidents took place in clear weather.

87% occured on dry pavement

SURFACE CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Dry	81,092	698	33,463	46,931	799	52,803
Wet	6,986	42	2,677	4,267	42	4,195
Snowy or Icy	1,528	6	384	1,138	10	660
Other	3,315	36	1,317	1,962	42	1,992
Totals	92,921	782	37,841	54,298	893	59,650

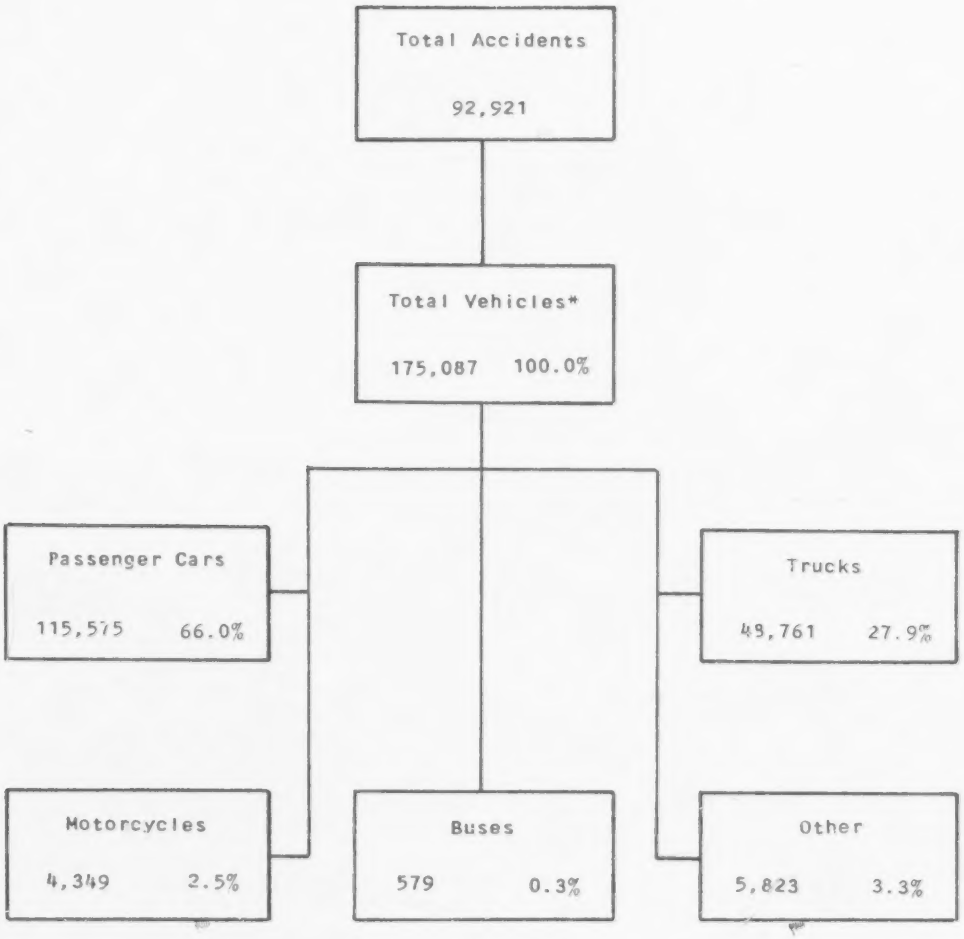
ROAD CHARACTERISTICS

SURFACE TYPE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Asphalt	86,184	727	35,585	49,872	832	56,072
Concrete	3,906	17	1,201	2,688	19	1,859
Gravel	475	2	196	277	2	294
Dirt	1,603	26	609	968	27	1,059
Other	85	0	26	59	0	36
Not Reported	668	10	224	434	13	330
Totals	92,921	782	37,841	54,298	893	59,650

GRADE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Level	82,302	599	33,583	48,120	671	52,806
Downgrade	5,238	102	2,189	2,947	122	3,563
Upgrade	3,326	53	1,255	2,018	61	2,023
Hillcrest	326	4	158	164	7	269
Dip	217	1	98	118	2	150
Not Reported	1,512	23	558	931	30	839
Totals	92,921	782	37,841	54,298	893	59,650

UNUSUAL ROAD CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
No Unusual Condition	88,058	747	35,974	51,337	845	56,750
Under Construction Thru Traffic Allowed	2,686	12	990	1,684	20	1,521
Under Construction Traffic Detoured	77	0	32	45	0	38
Under Repairs	211	0	77	134	0	99
Holes, Ruts, Bumps	740	9	310	421	10	502
Obstruction Protected	36	0	12	24	0	17
Obstruction Unprotected	73	1	29	43	1	43
Obstruction Unlighted at Night	35	0	18	17	0	26
Defective Shoulders	47	2	19	26	4	47
Changing Road Width	453	7	181	265	9	290
Flooded	189	2	83	104	2	123
Temp. Road Closure	316	2	116	198	2	194
Totals	92,921	782	37,841	54,298	893	59,650

Motor Vehicle and Driver Characteristics



* Includes driverless and/or parked vehicles

Motor Vehicle Registration and Accident Involvement

1985 Motor Vehicle Registration

Passenger Car	1,567,569
Commercial Vehicles	294,931
Non-Commercial (Pick Ups, Etc.)	337,319
Motorcycles	78,430
Other	5,583
TOTAL	2,283,832

TYPE OF MOTOR VEHICLE	All Accidents Number	%	Fatal Accidents	Injury Accidents	Property Damage
Passenger Car	115,237	65.82	571	47,881	66,785
Passenger Car and Trailer	338	.19	1	75	262
Pick Up Truck (Incl. Panel & Mini Bus)	39,928	22.80	291	15,112	24,525
Pick Up Truck with Camper	2,101	1.20	31	846	1,224
Truck Tractor (Only)	557	.32	8	169	380
Truck Tractor and Semi-Trailer	2,895	1.65	78	809	2,008
Med/Heavy Truck or Comb.	3,280	1.87	19	1,071	2,190
Farm Tractor and/or Farm Equipment	34	.02	0	15	19
Taxicab	128	.07	0	56	72
Bus	579	.33	8	171	400
Motorcycle	4,349	2.48	114	3,690	545
Motor Scooter, Motor Bicycle	27	.02	1	23	3
Moped	47	.03	1	44	2
Recreational Vehicle	2,631	1.50	32	1,099	1,500
Motor Home or House Car	367	.21	10	111	246
Emergency Vehicle (Inc. Privately Owned)	120	.07	0	47	73
Other Type Vehicle	305	.18	4	96	205
Vehicle Type Not Reported	2,164	1.24	19	434	1,711
TOTALS	175,087	100.00%	1,188	71,749	102,150

Licensed Drivers in Arizona

AGE GROUP	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Cumulative Percent
*15-16	15,264	1.4	13,340	1.3	28,604	1.4	1.4
17-18	35,959	3.3	31,471	3.1	67,430	3.2	4.6
19-20	42,208	3.9	38,514	3.8	80,722	3.8	8.4
21-24	106,994	9.8	99,381	9.8	206,375	9.8	18.2
25-34	277,462	25.4	254,844	25.1	532,306	25.3	43.5
35-44	213,641	19.5	194,139	19.2	407,780	19.3	62.8
45-54	137,711	12.6	126,981	12.5	264,692	12.6	75.4
55-64	122,119	11.2	121,304	12.0	243,423	11.5	86.9
65-70	55,348	5.0	53,794	5.3	109,142	5.2	92.1
71 & Up	86,302	7.9	79,783	7.9	166,085	7.9	100.0
TOTAL	1,093,008	100.0	1,013,551	100.0	**2,106,559	100.0	100.0

* Age 15 is Instruction Permit only,(4,163 individuals).
** 14,145 Instruction Permits are included in this category.

Driver Errors Causing Accidents

CONTRIBUTING CIRCUMSTANCES	All Accidents		Fatal Accidents		Injury Accidents	
	Number of Cases	% (of Units)	Number of Cases	% (of Units)	Number of Cases	% (of Units)
Speed Too Fast for Conditions	32,144	18.4	288	24.2	14,509	20.2
Exceeded Lawful Speed Limit	1,806	1.0	87	7.3	927	1.3
Failed to Yield Right-of-Way	22,423	12.8	109	9.2	9,794	13.7
Ran Stop Sign	1,612	0.9	18	1.5	879	1.2
Disregarded Traffic Signal	4,281	2.4	34	2.9	2,327	3.2
Drove Left of Center	2,069	1.2	83	7.0	943	1.3
Followed to Closely	2,274	1.3	0	0	860	1.2
Made Improper Turn	3,942	2.3	14	1.2	1,185	1.7
Inattention	18,066	10.3	139	11.7	7,455	10.4
Other Improper Action	15,646	8.9	107	9.0	4,523	6.3
No Improper Action	77,008	44.0	413	34.8	32,599	45.4
Not Reported	2,079	1.2	8	0.7	564	0.8
Total Contributing Circumstances	183,350	**	1,300	**	76,565	**
Number of Units	175,087		1,188		71,749	

** Totals more than 100% because of multiple errors

Physical Condition of Driver

DRIVER DEFECTS	All Accidents		Fatal Accidents		injury Accidents	
	Number of Cases	% (of Units)	Number of Cases	% (of Units)	Number of Cases	% (of Units)
Had Been Drinking	10,871	6.2	296	24.9	5,815	8.1
Ill, Ability Influenced	300	0.2	6	0.5	182	0.3
Other Bodily Defects	461	0.3	6	0.5	215	0.3
Influence of Narcotic Drugs	293	0.2	5	0.4	145	0.2
Sleepy, Fatigued	2,082	1.2	86	7.2	1,157	1.6
No Apparent Defects	144,658	82.6	572	48.1	59,580	83.0
Not Reported	17,096	9.8	247	20.8	5,044	7.0
Total Defects	175,761	**	1,218	**	72,138	**
Number of Units	175,087		1,188		71,749	

** Totals more than 100% because of multiple errors

DRIVER CHARACTERISTICS

AGE GROUP	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
15 & Younger	606	.3	7	.6	285	.4
16	3,889	2.2	24	2.0	1,639	2.3
17	4,872	2.8	23	2.0	2,068	2.9
18	6,203	3.5	39	3.3	2,684	3.7
19	6,633	3.8	44	3.7	2,891	4.0
20	6,751	3.9	43	3.6	2,981	4.1
21	6,683	3.8	47	4.0	2,869	4.0
22	6,463	3.7	57	4.8	2,782	3.9
23	6,297	3.6	45	3.8	2,684	3.7
24	6,047	3.5	44	3.7	2,600	3.6
25-34	44,814	25.6	313	26.3	18,775	26.2
35-44	25,836	14.8	174	14.6	10,730	15.0
45-54	14,065	8.0	109	9.2	5,895	8.2
55-64	11,073	6.3	71	6.0	4,655	6.5
65-74	7,519	4.3	48	4.0	3,162	4.4
75 & Up	3,696	2.1	37	3.1	1,564	2.2
Not Reported	13,640	7.8	63	5.3	3,485	4.9
Totals	175,087	100.0	1,188	100.0	71,749	100.0

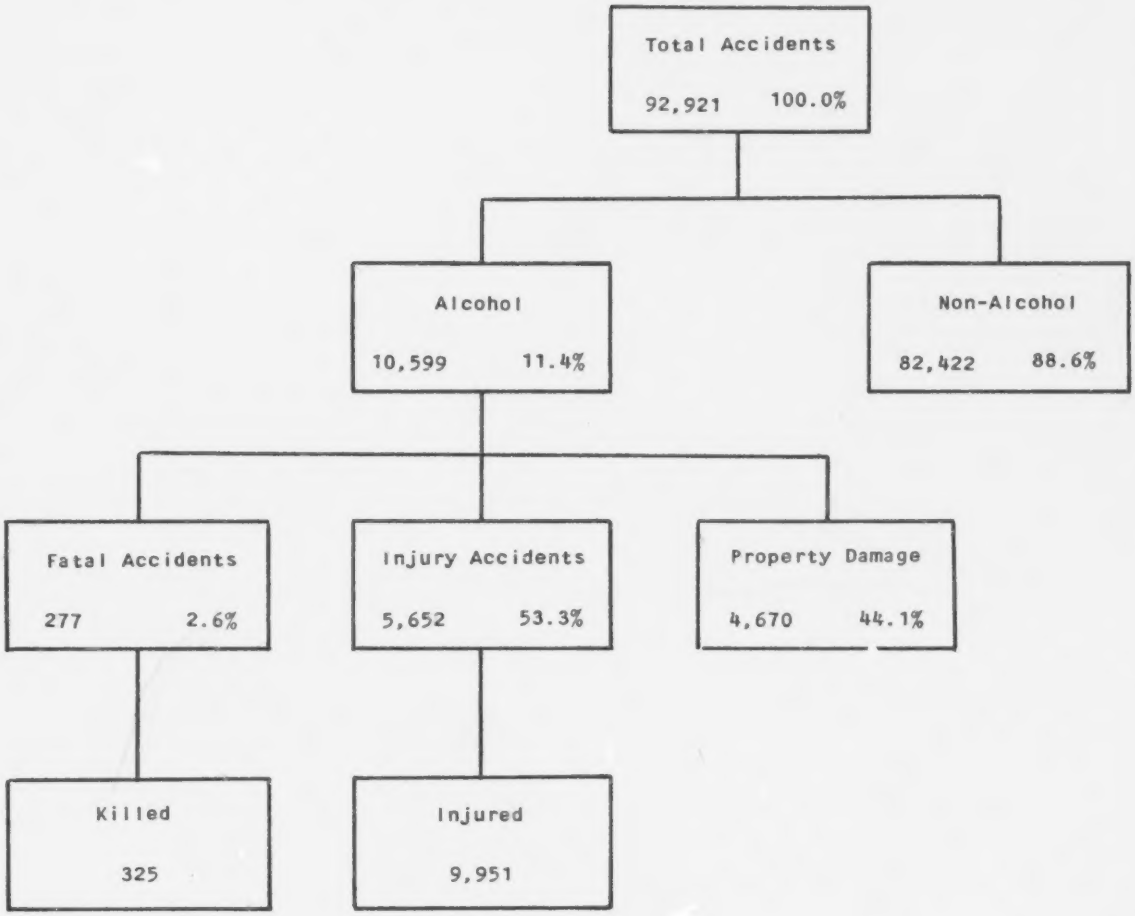
SEX OF DRIVER	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Male	107,210	61.2	886	74.6	44,048	61.4
Female	57,077	32.6	250	21.0	25,277	35.2
Not Reported	10,800	6.2	52	4.4	2,424	3.4
Totals	175,087	100.0	1,188	100.0	71,749	100.0

RESIDENCE OF DRIVER	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
AZ Resident	138,728	79.2	856	72.1	58,808	82.0
Non-Resident	18,416	10.5	213	17.9	7,392	10.3
Not Reported	17,943	10.3	119	10.0	5,549	7.7
Totals	175,087	100.0	1,188	100.0	71,749	100.0

Drivers Killed and Injured

TYPE OF MOTOR VEHICLE	Number of Drivers	
	Total Killed	Total Injured
Passenger Car	224	24,743
Passenger Car and Trailer	1	31
Pick Up Truck (Incl. Panel & Mini Bus)	88	6,587
Pick Up Truck with Camper	9	397
Truck Tractor (Only)	2	48
Truck Tractor and Semi Trailer	9	303
Med/Heavy Truck or combination	3	289
Farm Tractor and/or Farm Equipment	0	3
Taxicab	0	19
Bus	0	19
Motorcycle	95	3,539
Motor Scooter, Motor Bicycle	1	22
Moped	1	43
Recreational Vehicle	21	513
Motor Home	0	31
Emergency Vehicle	0	22
Other Type of Vehicle	0	34
Vehicle Type Not Stated	2	48
Totals	456	36,693

Alcohol-Related Accidents



The statistics in the Alcohol-Related section represent only those accidents where the investigating officer indicated that a person had been drinking an alcoholic beverage and may or may not have been substantiated by blood or breath tests. Also, no assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.1% or higher).

Alcohol Related Accidents and Fatalities 1981 - 1985

YEAR	Total Alcohol Related Accidents	Percent of All Accidents	Persons Killed	Percent of All Killed
1981	12,029	16.6	328	35.8
1982	9,839	14.4	246	34.0
1983	9,361	12.2	230	34.1
1984	10,802	12.3	285	32.8
1985	10,599	11.4	325	36.4

1985 Alcohol Related Accidents

TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	543	42	378	123
Other Non-Collision	434	9	298	127
Pedestrian	109	24	85	0
Motor Vehicle in Transport	5,719	111	3,125	2,483
Motor Vehicle on Other Roadway	2	1	0	1
Parked Motor Vehicle	771	3	292	476
Railway Train	3	2	1	0
Pedalcyclist	46	3	43	0
Animal	25	1	12	12
Fixed Object	2,902	80	1,398	1,424
Other Object	45	1	20	24
Totals	10,599	277	5,652	4,670

LIGHT CONDITION	Number of Accidents	Number of Fatal Accidents	Number of Nonfatal Injury Accidents
Daylight	2,824	68	1,464
Dawn or Dusk	464	16	235
Darkness	7,298	191	3,947
Not Stated	13	2	6
Totals	10,599	277	5,652

* 69% of the Alcohol Involved Accidents occured in darkness.

ROAD SURFACE CONDITION	Total	Fatal	Non-Fatal Injury	Property Damage
Dry	9,335	250	5,002	4,083
Wet	707	12	359	336
Snowy or Icy	70	0	32	38
Other	487	15	259	213
Totals	10,599	277	5,652	4,670

Drinking Drivers Involved in Accidents

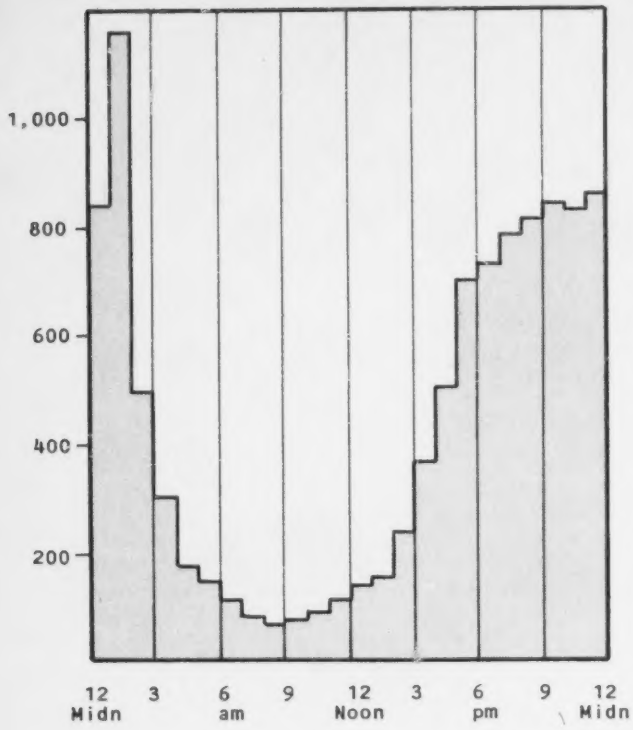
* In the 10,599 accidents involving alcohol, 10,871 drivers had been drinking

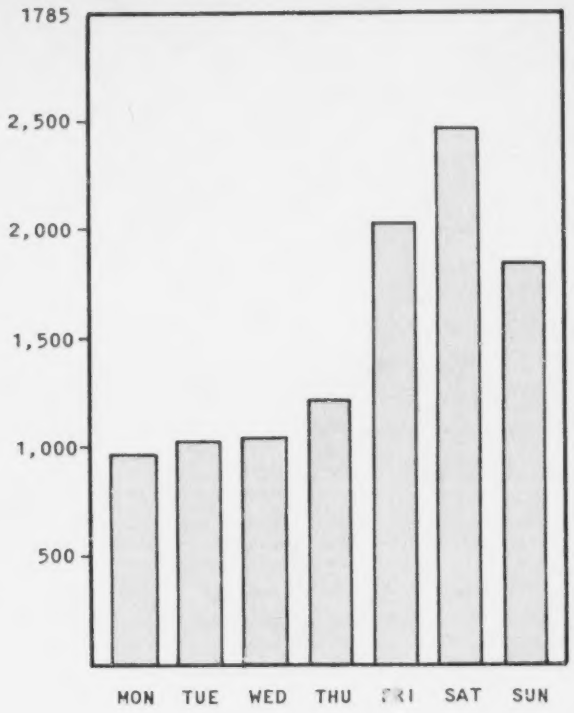
AGE OF DRIVER	Number of Drivers	Percent of Total	Number of of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15	26	0.2	0	13
16	98	0.9	4	51
17	208	1.9	6	112
18	319	2.9	7	174
19	503	4.6	11	274
20	539	5.0	13	307
21	571	5.3	14	322
22	598	5.5	14	320
23	576	5.3	19	316
24	556	5.1	20	311
25-34	3,656	33.6	110	2,032
35-44	1,923	17.7	36	945
45-54	704	6.5	21	352
55-64	391	3.6	14	188
65-74	174	1.6	7	79
75 & Older	29	0.3	0	19
Totals	10,871	100.0	296	5,815

* 84% of the drinking drivers were male.

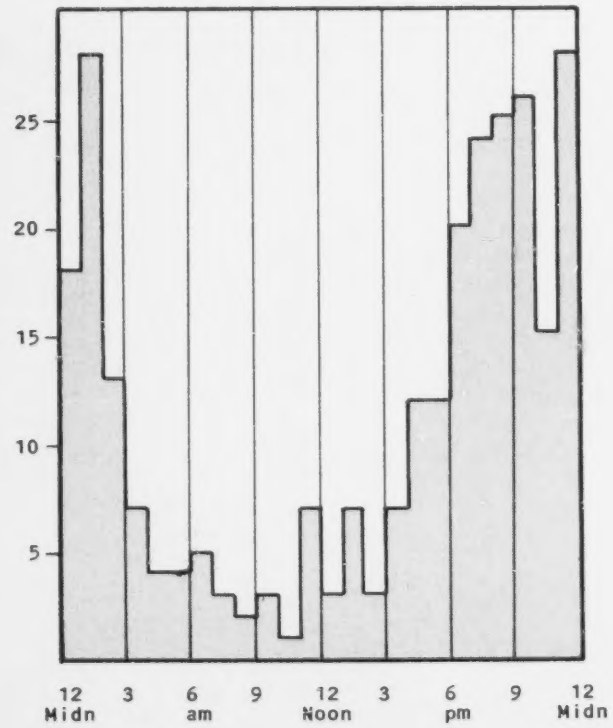
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	9,093	262	4,855
Female	1,654	33	923
Not Reported	124	1	37
Totals	10,871	296	5,815

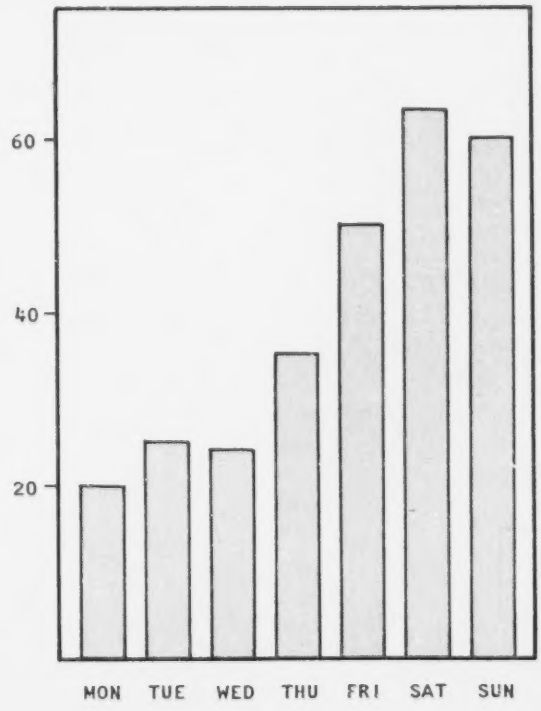
Total Accidents Involving Drinking Drivers



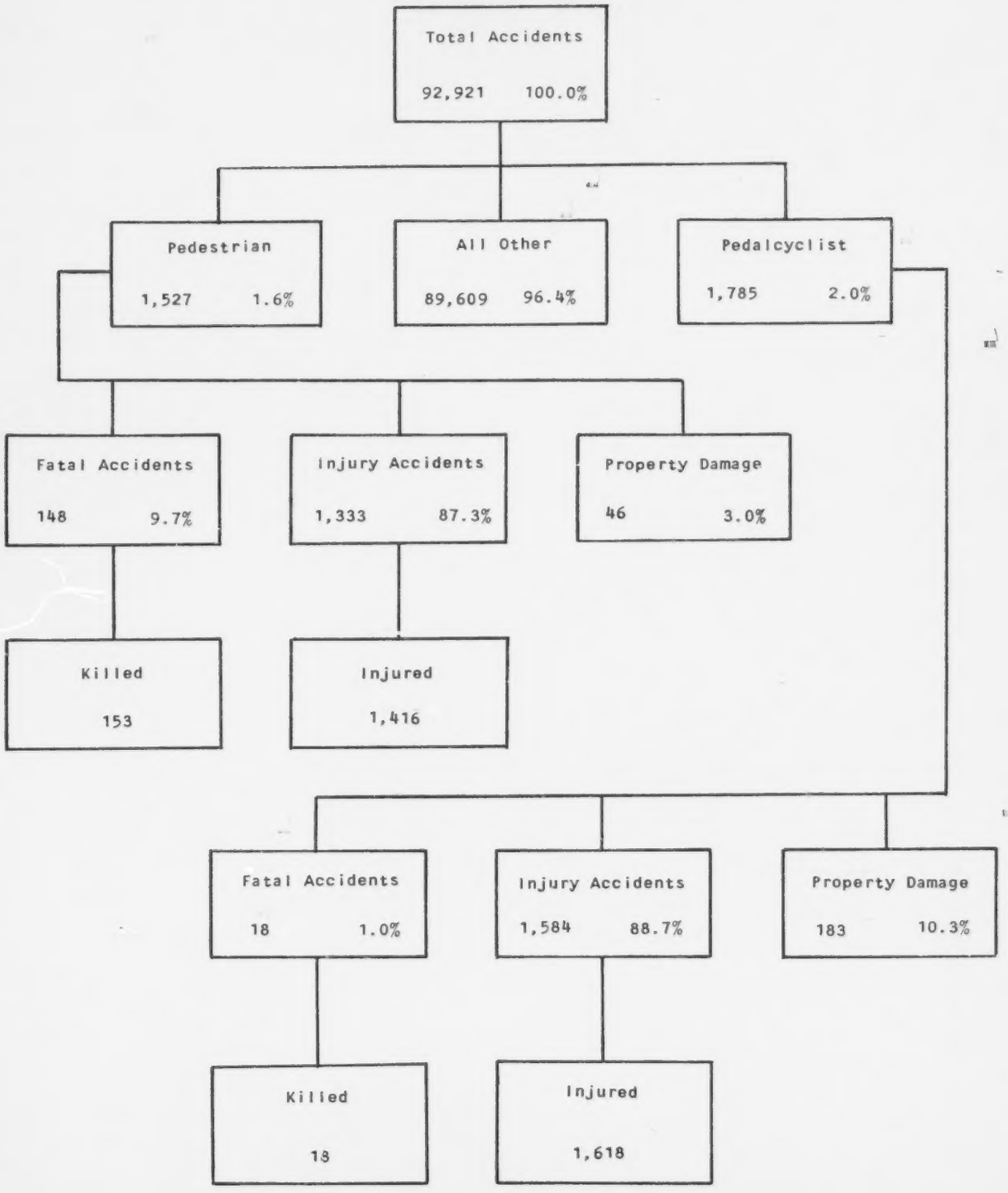


Fatal Accidents Involving Drinking Drivers

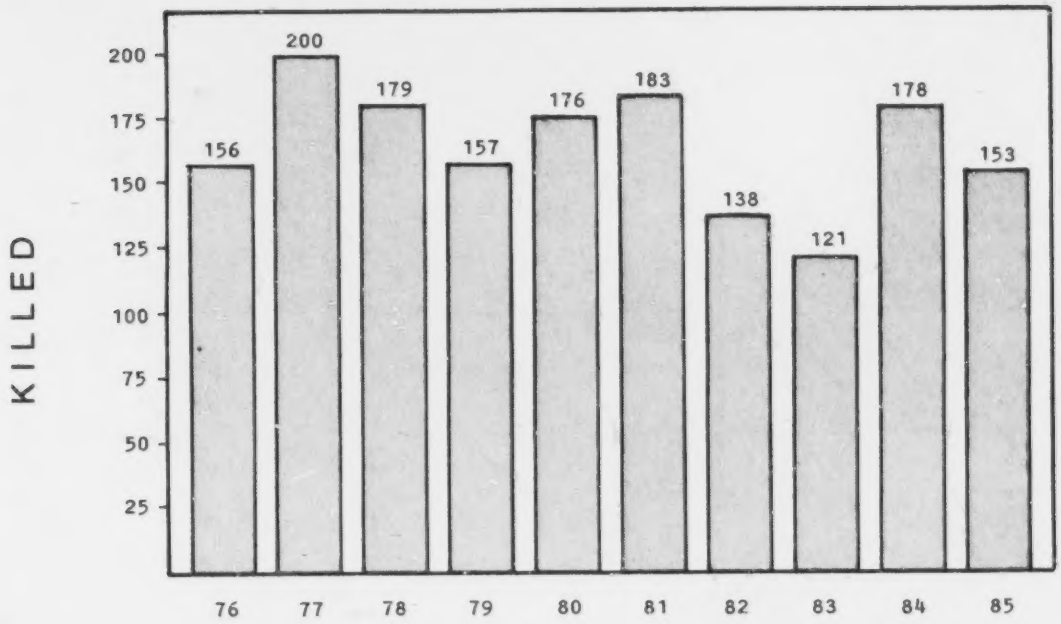


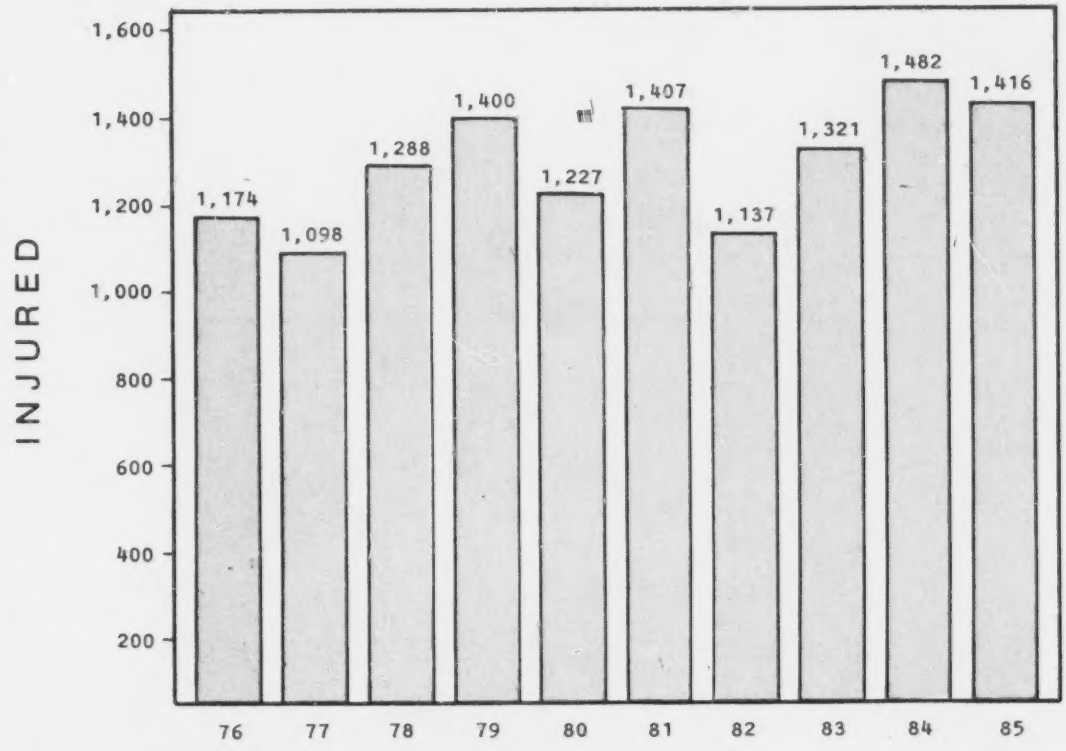


Pedestrian and Pedalcyclist Accidents



Pedestrians Killed and Injured
1976 - 1985





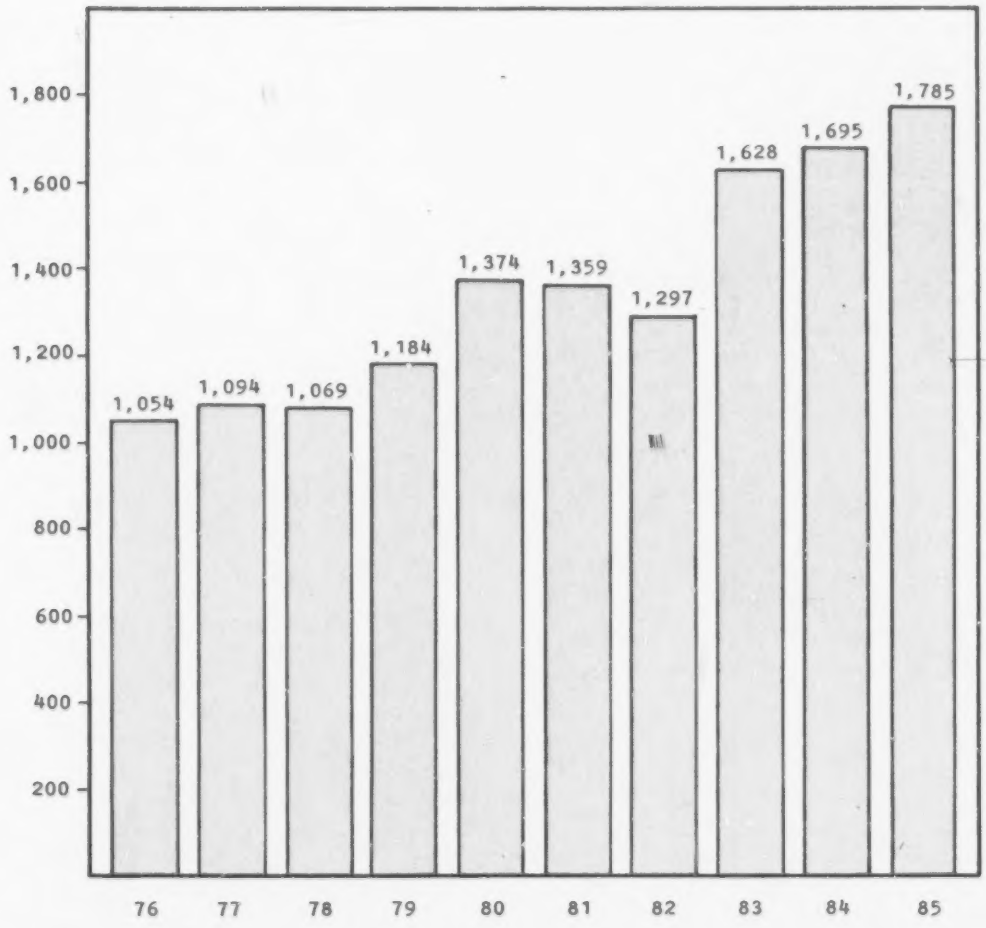
Pedestrian Accidents, 1985

PEDESTRIAN ACTION	TOTALS	AGE OF PEDESTRIANS KILLED								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65+	Unk.
X-ing at Intersection or X-walk	18	0	0	2	0	0	1	3	9	3
X-ing Not at Intersection or X-walk	72	5	9	3	3	1	18	18	11	4
Walking in Rdwy with Traffic	9	0	0	0	3	1	5	0	0	0
Walking in Rdwy against Traffic	3	0	0	0	1	1	0	1	0	0
Standing in Rdwy	14	0	0	0	0	4	6	1	1	2
Pushing or Working on Vehicle in Rd	1	0	0	0	0	0	1	0	0	0
Other Working in Rdwy	0	0	0	0	0	0	0	0	0	0
Playing in Rdwy	0	0	0	0	0	0	0	0	0	0
Lying in Rdwy	8	0	0	0	1	1	2	0	1	3
Getting on or off Vehicle in Rdwy	2	0	0	0	0	1	1	0	0	0
Other Actions in Rdwy	8	0	0	0	2	0	4	2	0	0
Not in Rdwy	3	0	0	0	1	0	0	1	1	0
Not Stated	15	0	0	0	1	0	7	4	3	0
TOTALS	153	5	9	5	12	9	45	30	26	12

PEDESTRIAN ACTION	TOTALS	AGE OF PEDESTRIANS INJURED								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65+	Unk.
X-ing at Intersection or X-walk	289	4	13	31	45	25	63	41	41	26
X-ing Not at Intersection or X-walk	549	34	99	71	48	38	133	57	38	31
Walking in Rdwy with Traffic	61	1	2	5	10	11	23	4	2	3
Walking in Rdwy against Traffic	52	3	1	4	6	12	13	4	4	5
Standing in Rdwy	112	3	3	1	15	21	34	11	6	18
Pushing or Working on Vehicle in Rd	19	0	0	0	3	8	5	3	0	0
Other Working in Rdwy	4	0	0	0	0	0	4	0	0	0
Playing in Rdwy	0	0	0	0	0	0	0	0	0	0
Lying in Rdwy	10	2	0	0	1	1	4	0	1	1
Getting on or off Vehicle in Rdwy	8	1	0	1	1	2	3	0	0	0
Other Actions in Rdwy	214	14	31	15	27	26	54	14	10	23
Not in Rdwy	61	3	5	5	13	2	12	9	6	6
Not Stated	37	2	1	1	2	3	7	4	6	11
Totals	1,416	67	155	134	171	149	355	147	114	124

Pedalcycle Accidents 1976 - 1985

YEAR	Number of Persons	
	Total Killed	Total Injured
1976	17	956
1977	19	1,016
1978	18	1,076
1979	14	1,197
1980	19	1,377
1981	15	1,370
1982	28	1,291
1983	13	1,487
1984	24	1,540
1985	18	1,618



1985 Pedalcycle Accidents

STATEWIDE	Total	Urban	Rural
Number of Accidents	1,785	1,643	142
Persons Killed	18	15	3
Persons Injured	1,618	1,494	124
Property Damage Only	183	169	14

Sex and Age of Pedalcyclist Killed and Injured

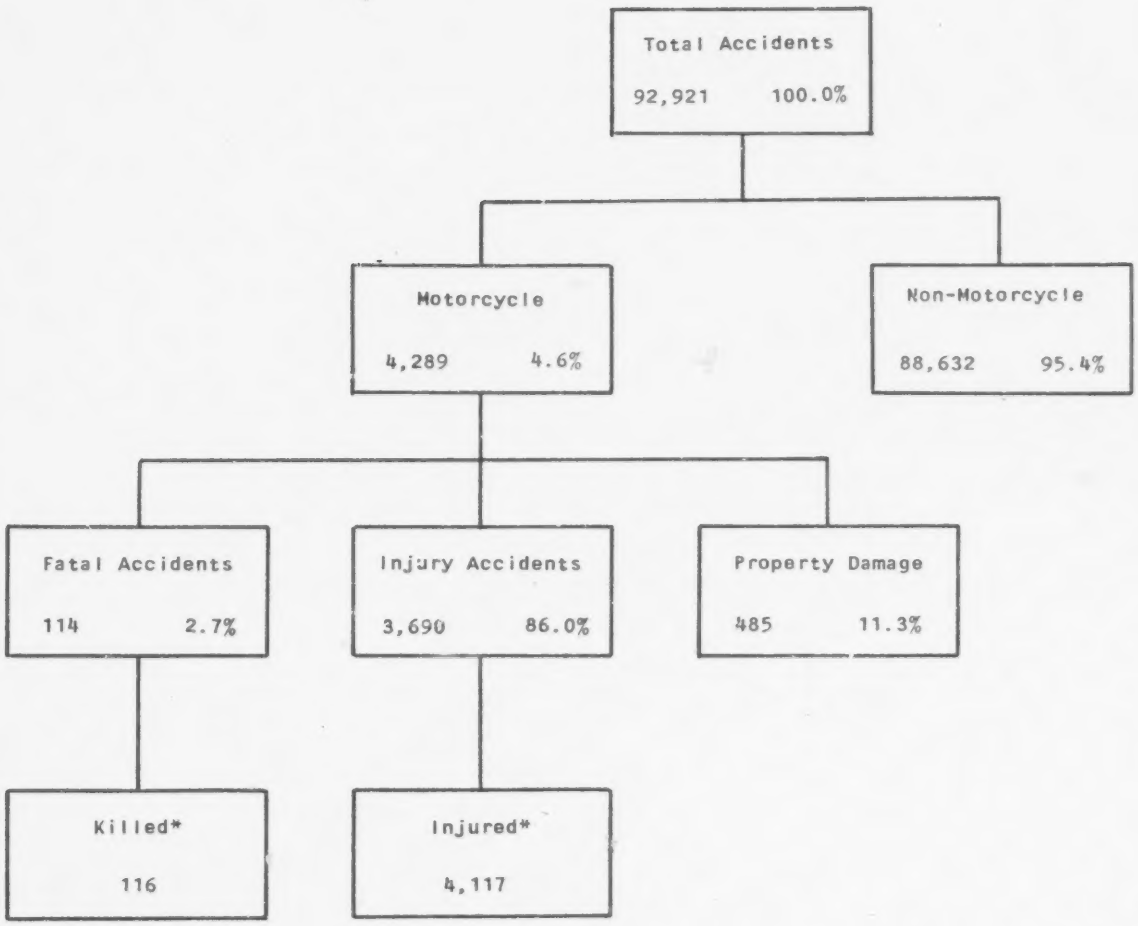
AGE GROUP	Killed			Injured			
	Total	Male	Female	Total	Male	Female	Not Stated
0-4	0	0	0	16	14	2	0
5-9	2	2	0	158	116	41	1
10-14	4	4	0	375	287	88	0
15-19	3	3	0	358	252	105	1
20-24	1	1	0	273	199	74	0
25-34	0	0	0	209	148	61	0
35-44	1	1	0	70	56	14	0
45-54	0	0	0	28	22	6	0
55-64	3	3	0	23	16	7	0
65-74	1	0	1	20	12	8	0
75 & Over	0	0	0	11	10	1	0
Age Not Stated	3	2	1	77	58	18	1
Totals	18	16	2	1,618	1,190	425	3

Physical Condition and Injury Level of Pedestrians and Pedalcyclists

	No Injury	Possible Injury	Non-Incapacitating Injury	Incapacitating Injury	Fatal	Not Reported
Ability Impaired	6/3	34/7	56/12	132/13	51/4	2/0
Bodily Defects	1/1	7/7	6/0	7/1	1/0	0/0
ILL	0/1	2/0	4/0	1/0	0/0	0/0
Sleepy / Fatigued	0/1	0/1	0/1	1/0	0/0	0/0
Narcotics	0/0	4/0	1/0	1/1	0/0	0/0
No Defects	23/148	162/290	395/801	348/346	49/7	4/9
Not Reported	6/10	41/32	90/39	124/39	52/7	15/4

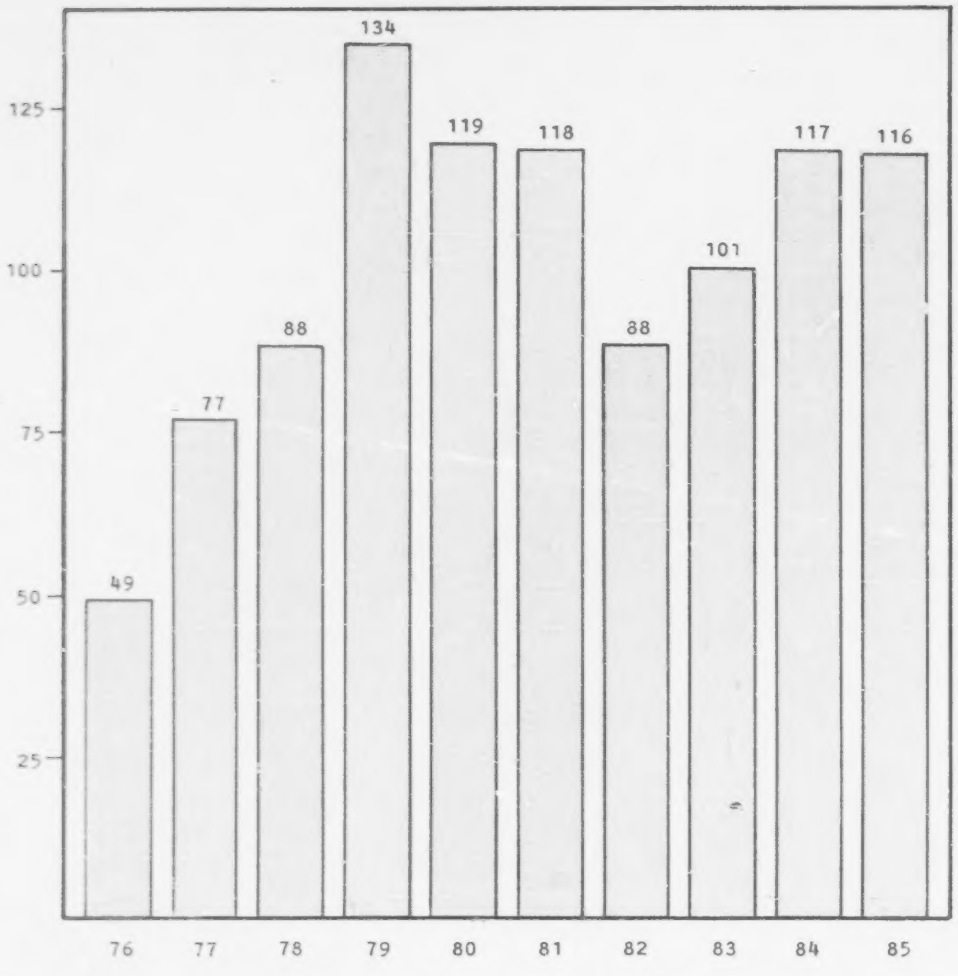
Legend: Pedestrians / Pedalcyclists

Motorcycle Accidents



* Motorcycle drivers and passengers only.

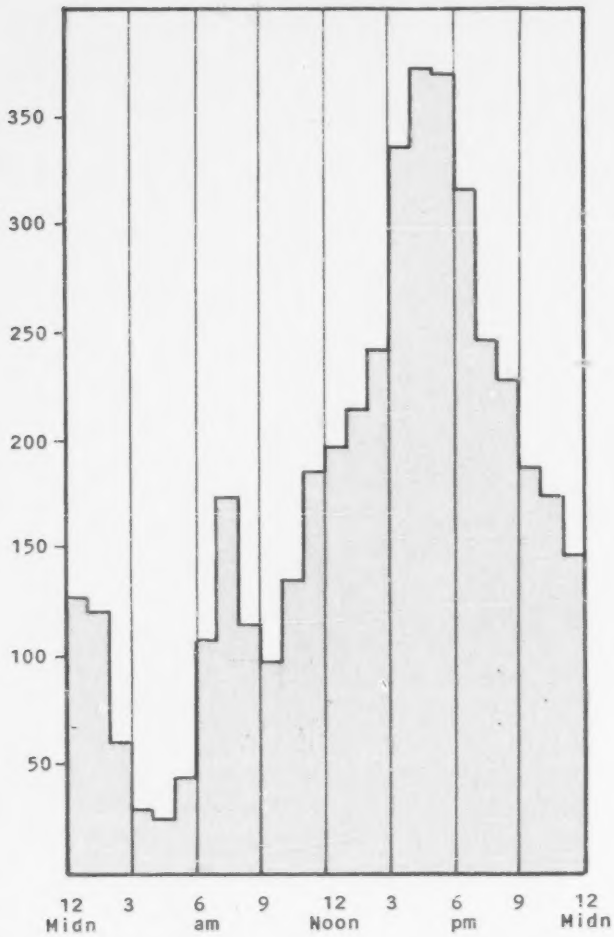
Motorcycle Fatalities
1976 - 1985



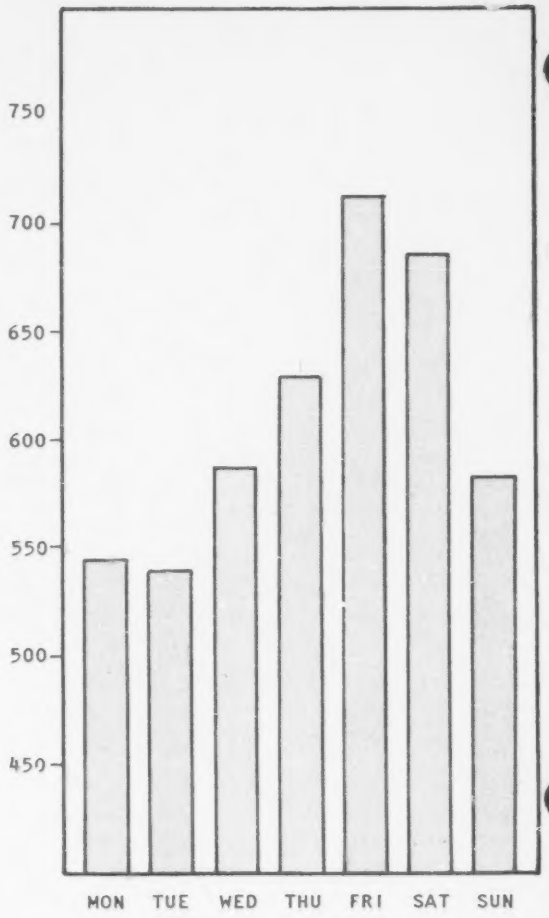
• *Helmet law repealed May 27, 1976*

Total Accidents Involving Motorcycles

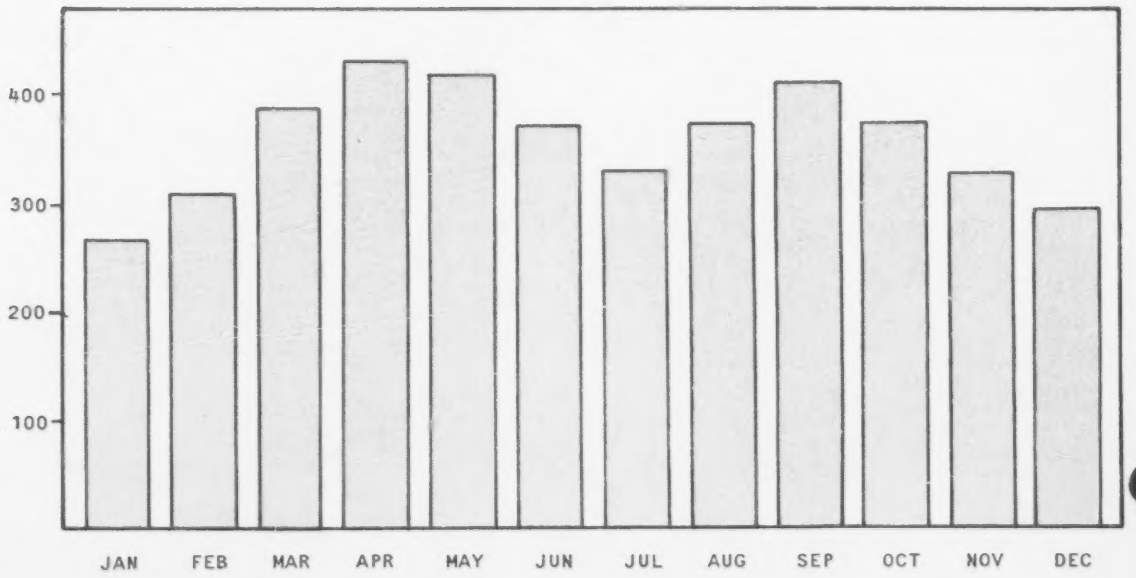
TIME OF DAY



DAY OF WEEK



MONTHLY



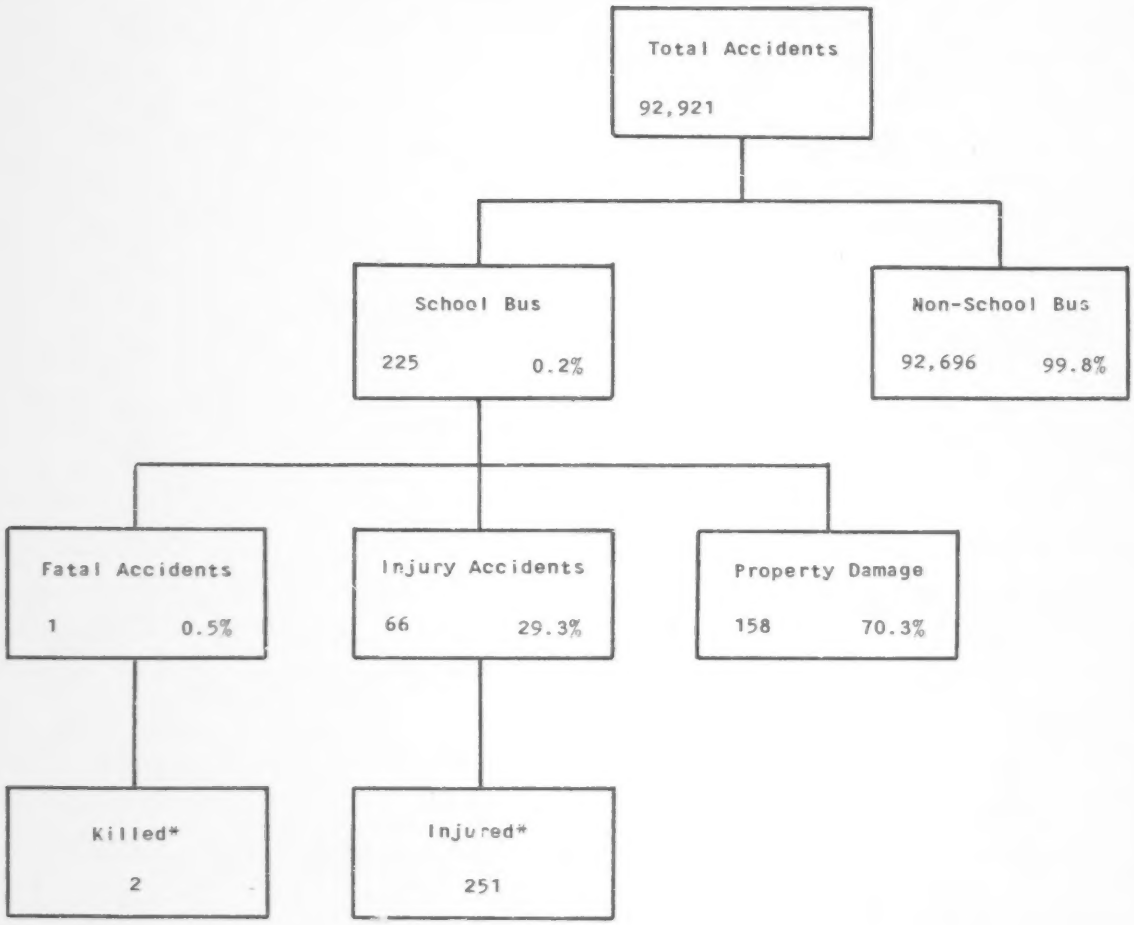
Motorcycle Drivers Involved in Accidents

AGE OF DRIVER	Number of Drivers	Percent of Total	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15 & Younger	82	1.9	1	73
16	86	2.0	4	74
17	117	2.7	3	101
18-19	501	11.5	5	440
20-24	1,428	32.8	38	1,242
25-34	1,357	31.2	33	1,159
35-44	396	9.1	21	336
45-54	127	2.9	3	111
55-64	63	1.4	4	54
65-74	24	.6	0	23
75 & Older	11	.3	0	11
Not Stated	157	3.6	2	66
Totals	4,349	100.0	114	3,690

SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	4,064	109	3,490
Female	192	3	174
Not Reported	93	2	26
Totals	4,349	114	3,690

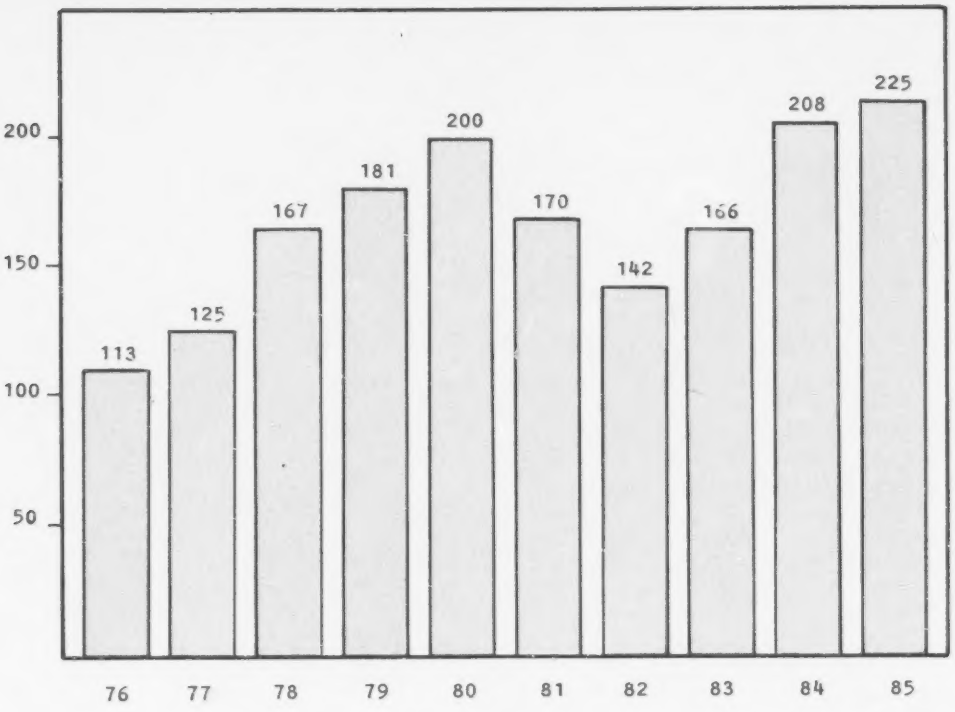
ACCIDENT TYPE	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	5	0	4	1
Other Non-collision	948	9	880	59
Pedestrian	50	1	49	0
Motor Vehicle in Transport	2,682	79	2,205	398
Motor Vehicle on Other Rdwy	0	0	0	0
Parked Motor Vehicle	88	0	44	44
Railway Train	0	0	0	0
Pedalcyclist	26	0	26	0
Animal	50	0	47	3
Fixed Object	414	20	359	35
Other Object	26	3	20	3
Totals	4,289	112	3,634	543

School Bus Accidents

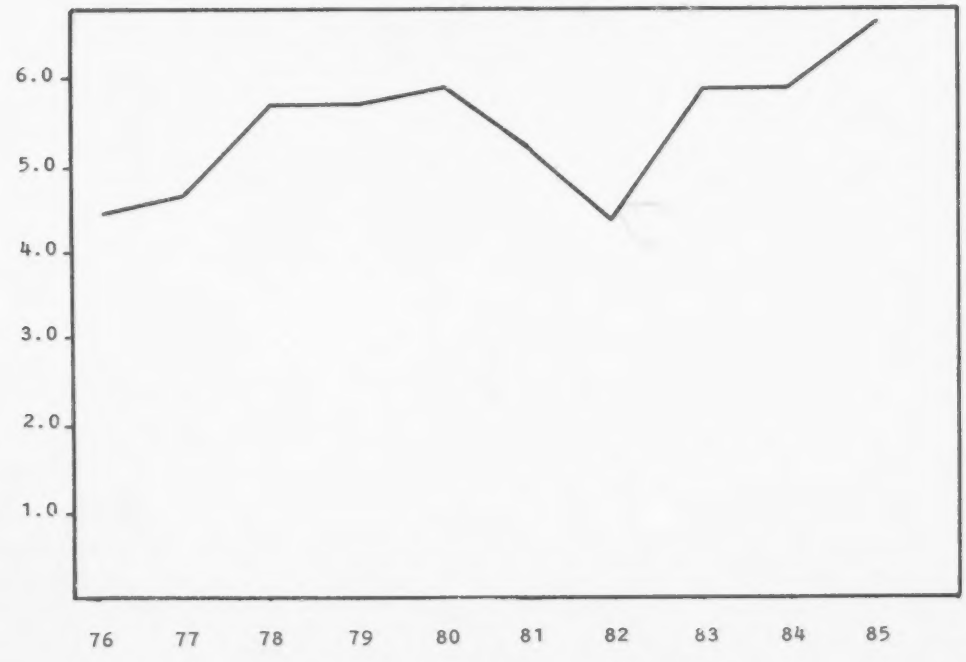


*School Bus drivers and occupants only

School Bus Accidents 1976 - 1985



School Bus Accidents/1,000,000 Vehicle Miles



State of Arizona
School Bus Statistics
1981 - 1985

	1981	1982	1983	1984	1985
Number of Public School Buses	2,699	2,839	3,269	3,316	3,455
Number of Private and Parochial Buses (est.)	168	135	122	125	125
Number of contracted Buses(est.)	136	68	68	70	75
Total Number of School Buses	3,003	3,042	3,459	3,511	3,655
Total Miles Driven (Millions)	32.8	32.2	27.9	35.2	33.0
Public School Pupils Transported Daily	174,581	183,243	197,246	199,986	205,251
Private and Parochial Pupils Transported Daily (est.)	10,800	N/A	N/A	11,000	N/A
Total Number of School Bus Accidents	170	142	166	208	225
Pupil Passengers:					
Killed	0	0	0	0	2
Injured	0	45	32	64	240
Bus Drivers:					
Killed	1	0	0	0	0
Injured	24	6	15	18	11
Others:					
Killed	0	1	0	1	5
Injured	6	46	47	101	39
Property Damage Only:					
Accidents	113	105	118	141	158
School Bus Dr. Involved:					
Male	92	74	92	115	119
Female	83	68	75	93	107
Accident Time of Day:					
A.M.	67	74	79	83	113
P.M.	103	68	87	125	112
Vehicles Involved:					
Automobiles	112	91	103	149	147
Pick-Ups	43	37	42	56	71
Large Trucks	11	7	11	13	8
Other	10	3	11	17	10
Accident Location:					
Interstate Highway	5	2	6	5	5
State Highway	15	1	15	10	8
County Road	32	17	22	33	12
City Street	114	110	120	158	193
Other	4	4	3	2	7
Weather Conditions:					
Clear and Dry	143	103	130	175	170
Rain	15	6	11	11	14
Snow or Ice	2	2	4	1	3
Dusty or Windy	0	0	0	0	2
Fog	0	0	1	1	1
Cloudy	0	31	20	21	35

*School bus accident for statistical purposes is one in which the school bus is directly involved.